Independent invariants to the independent total affine transformation of the vector fields up the order 9

The weight is the number of edges of the first type, it equals the sum of the first indices in one term and also the sum of the second indicies. The structure are the numbers of the moments of the individual orders in one term, e.g. structure: 4,2 means that each term contains fourth moments of the second order and two moments of the third order. The generating graph is given by the list of edges, e.g. the column $\begin{smallmatrix}1\\2\end{smallmatrix}$ means an edge connecting the nodes 1 and 2. The edges of the first and second type are separated by a space.
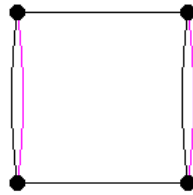
Invariants of the order 2

$$
\begin{aligned}
V_1 \;=\; & -(\mu_{20}^{(1)})^2(\mu_{02}^{(2)})^2 + 4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} + 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} - 4\mu_{20}^{(1)}\mu_{02}^{(1)}(\mu_{11}^{(2)})^2 \\
& -4(\mu_{11}^{(1)})^2\mu_{20}^{(2)}\mu_{02}^{(2)} + 4\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} - (\mu_{02}^{(1)})^2(\mu_{20}^{(2)})^2
\end{aligned}
$$

weight=4
structure: 4
Generating graph:

$$
\begin{array}{cccc}
1 & 1 & 2 & 3 \\
2 & 3 & 4 & 4
\end{array}
\qquad
\begin{array}{cc}
1 & 3 \\
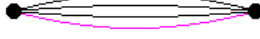2 & 4
\end{array}
$$

Invariants of the order 3

$$
V_2 = \mu_{30}^{(1)}\mu_{03}^{(2)} - 3\mu_{21}^{(1)}\mu_{12}^{(2)} + 3\mu_{12}^{(1)}\mu_{21}^{(2)} - \mu_{03}^{(1)}\mu_{30}^{(2)}
$$

weight=3
structure: 0,2
Generating graph:

$$
\begin{array}{ccc}
1 & 1 & 1 \\
2 & 2 & 2
\end{array}
\qquad
\begin{array}{c}
1 \\
2
\end{array}
$$

$$
\begin{aligned}
V_3 \;=\; & (\mu_{20}^{(1)})^2\mu_{30}^{(1)}(\mu_{02}^{(2)})^2\mu_{03}^{(2)} - 2(\mu_{20}^{(1)})^2\mu_{21}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{03}^{(2)} - (\mu_{20}^{(1)})^2\mu_{21}^{(1)}(\mu_{02}^{(2)})^2\mu_{12}^{(2)} \\
& + 2(\mu_{20}^{(1)})^2\mu_{12}^{(1)}(\mu_{11}^{(2)})^2\mu_{03}^{(2)} + (\mu_{20}^{(1)})^2\mu_{12}^{(1)}(\mu_{02}^{(2)})^2\mu_{21}^{(2)} - 2(\mu_{20}^{(1)})^2\mu_{03}^{(1)}(\mu_{11}^{(2)})^2\mu_{12}^{(2)} \\
& + 2(\mu_{20}^{(1)})^2\mu_{03}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} - (\mu_{20}^{(1)})^2\mu_{03}^{(1)}(\mu_{02}^{(2)})^2\mu_{30}^{(2)} \\
& - 2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{03}^{(2)} - 2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{30}^{(1)}(\mu_{02}^{(2)})^2\mu_{12}^{(2)} \\
& + 2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{03}^{(2)} + 10\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} \\
& - 4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{03}^{(2)} - 10\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& + 2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{12}^{(1)}(\mu_{02}^{(2)})^2\mu_{30}^{(2)} + 4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
& - 2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} + 2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& - 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{03}^{(2)} + 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}(\mu_{11}^{(2)})^2\mu_{03}^{(2)} \\
& + 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} + 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{03}^{(2)} \\
& + 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} - 10\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}(\mu_{11}^{(2)})^2\mu_{12}^{(2)} \\
& - 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} + 10\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}(\mu_{11}^{(2)})^2\mu_{21}^{(2)} \\
& - 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)} - 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{21}^{(2)} \\
& + 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)} - 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{03}^{(1)}(\mu_{11}^{(2)})^2\mu_{30}^{(2)} \\
& + 2(\mu_{11}^{(1)})^2\mu_{30}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{03}^{(2)} + 2(\mu_{11}^{(1)})^2\mu_{30}^{(1)}(\mu_{02}^{(2)})^2\mu_{21}^{(2)} \\
& - 10(\mu_{11}^{(1)})^2\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} - 2(\mu_{11}^{(1)})^2\mu_{21}^{(1)}(\mu_{02}^{(2)})^2\mu_{30}^{(2)} + 2(\mu_{11}^{(1)})^2\mu_{12}^{(1)}(\mu_{20}^{(2)})^2\mu_{03}^{(2)} \\
& + 10(\mu_{11}^{(1)})^2\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} - 2(\mu_{11}^{(1)})^2\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{12}^{(2)} \\
& - 2(\mu_{11}^{(1)})^2\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)} - 2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{03}^{(2)} \\
& + 2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} - 4\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& - 2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}(\mu_{20}^{(2)})^2\mu_{03}^{(2)} + 10\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
& + 4\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)} - 10\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{21}^{(2)} \\
& - 2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)} + 2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{21}^{(2)} \\
& + 2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{30}^{(2)} + (\mu_{02}^{(1)})^2\mu_{30}^{(1)}(\mu_{20}^{(2)})^2\mu_{03}^{(2)} \\
& - 2(\mu_{02}^{(1)})^2\mu_{30}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{12}^{(2)} + 2(\mu_{02}^{(1)})^2\mu_{30}^{(1)}(\mu_{11}^{(2)})^2\mu_{21}^{(2)} - (\mu_{02}^{(1)})^2\mu_{21}^{(1)}(\mu_{20}^{(2)})^2\mu_{12}^{(2)} \\
& - 2(\mu_{02}^{(1)})^2\mu_{21}^{(1)}(\mu_{11}^{(2)})^2\mu_{30}^{(2)} + (\mu_{02}^{(1)})^2\mu_{12}^{(1)}(\mu_{20}^{(2)})^2\mu_{21}^{(2)} + 2(\mu_{02}^{(1)})^2\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{30}^{(2)} \\
& - (\mu_{02}^{(1)})^2\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{30}^{(2)}
\end{aligned}
$$

weight=7

structure: 4,2

Generating graph:

$$
\begin{array}{ccccccc@{\qquad}ccc}
1 & 1 & 1 & 2 & 2 & 3 & 4 & 1 & 3 & 4 \\
2 & 3 & 4 & 5 & 5 & 6 & 6 & 2 & 5 & 6
\end{array}
$$

3
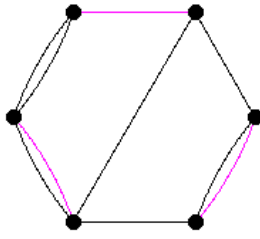
$$
\begin{aligned}
V_4 \;=\; & -2\mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^2 + 2\mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(1)}(\mu_{11}^{(2)})^2\mu_{02}^{(2)} \\
& +(\mu_{20}^{(1)})^2\mu_{30}^{(1)}(\mu_{02}^{(2)})^2\mu_{03}^{(2)} - 2(\mu_{20}^{(1)})^2\mu_{21}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{03}^{(2)} - (\mu_{20}^{(1)})^2\mu_{21}^{(1)}(\mu_{02}^{(2)})^2\mu_{12}^{(2)} \\
& +2\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^2 - 2\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}(\mu_{11}^{(2)})^2\mu_{02}^{(2)} \\
& +4(\mu_{20}^{(1)})^2\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} - (\mu_{20}^{(1)})^2\mu_{12}^{(1)}(\mu_{02}^{(2)})^2\mu_{21}^{(2)} \\
& +4\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{02}^{(2)} + 4(\mu_{20}^{(1)})^2\mu_{02}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)} \\
& -4\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}(\mu_{11}^{(2)})^3 - 4(\mu_{20}^{(1)})^2\mu_{02}^{(1)}\mu_{11}^{(2)}(\mu_{12}^{(2)})^2 - 2(\mu_{20}^{(1)})^2\mu_{03}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& -2(\mu_{20}^{(1)})^2\mu_{02}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{03}^{(2)} + 2(\mu_{20}^{(1)})^2\mu_{02}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)} \\
& +(\mu_{20}^{(1)})^2\mu_{03}^{(1)}(\mu_{02}^{(2)})^2\mu_{30}^{(2)} - 2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{03}^{(2)} \\
& -2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{30}^{(1)}(\mu_{02}^{(2)})^2\mu_{12}^{(2)} + 2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{03}^{(2)} \\
& +4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{21}^{(1)}(\mu_{11}^{(2)})^2\mu_{03}^{(2)} + 2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} \\
& +4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{21}^{(1)}(\mu_{02}^{(2)})^2\mu_{21}^{(2)} - 4\mu_{20}^{(1)}(\mu_{12}^{(1)})^2\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{02}^{(2)} \\
& -4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} - 4\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{11}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)} \\
& +4\mu_{20}^{(1)}(\mu_{12}^{(1)})^2(\mu_{11}^{(2)})^3 - 8\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{12}^{(1)}(\mu_{11}^{(2)})^2\mu_{12}^{(2)} + 4\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{11}^{(2)}(\mu_{12}^{(2)})^2 \\
& +2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} + 2\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{03}^{(2)} \\
& -2\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{02}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)} - 2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{12}^{(1)}(\mu_{02}^{(2)})^2\mu_{30}^{(2)} \\
& -4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)} + 4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{20}^{(2)}(\mu_{12}^{(2)})^2 \\
& +2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} + 4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{03}^{(1)}(\mu_{11}^{(2)})^2\mu_{21}^{(2)} \\
& -2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)} + 4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{12}^{(2)} \\
& -4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{02}^{(2)}(\mu_{21}^{(2)})^2 + 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} \\
& -2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{03}^{(2)} - 4\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& +4\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} + 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& +2\mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{20}^{(2)}\mu_{30}^{(2)}\mu_{03}^{(2)} - 2\mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{20}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)} \\
& -2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{21}^{(2)} - 4\mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{11}^{(2)}\mu_{30}^{(2)}\mu_{12}^{(2)} \\
& +4\mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{11}^{(2)}(\mu_{21}^{(2)})^2 + 4\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^2 \\
& -4\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(1)}(\mu_{11}^{(2)})^2\mu_{02}^{(2)} - 4\mu_{11}^{(1)}(\mu_{21}^{(1)})^2\mu_{20}^{(2)}(\mu_{02}^{(2)})^2 + 4\mu_{11}^{(1)}(\mu_{21}^{(1)})^2(\mu_{11}^{(2)})^2\mu_{02}^{(2)} \\
& -4\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{02}^{(2)} + 4\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}(\mu_{11}^{(2)})^2 \\
& +4(\mu_{11}^{(1)})^2\mu_{30}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} - 4(\mu_{11}^{(1)})^2\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{03}^{(2)} \\
& -8(\mu_{11}^{(1)})^2\mu_{21}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} + 4\mu_{11}^{(1)}(\mu_{12}^{(1)})^2(\mu_{20}^{(2)})^2\mu_{02}^{(2)} + 4(\mu_{11}^{(1)})^3\mu_{20}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)} \\
& -4\mu_{11}^{(1)}(\mu_{12}^{(1)})^2\mu_{20}^{(2)}(\mu_{11}^{(2)})^2 + 8(\mu_{11}^{(1)})^2\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{12}^{(2)} - 4(\mu_{11}^{(1)})^3\mu_{20}^{(2)}(\mu_{12}^{(2)})^2 \\
& +4(\mu_{11}^{(1)})^2\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)} - 4(\mu_{11}^{(1)})^3\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{12}^{(2)} + 4(\mu_{11}^{(1)})^3\mu_{02}^{(2)}(\mu_{21}^{(2)})^2 \\
& -2(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)}\mu_{03}^{(2)} + 2(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)} \\
& -4(\mu_{11}^{(1)})^2\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{21}^{(2)} + 4(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)}\mu_{12}^{(2)} \\
& -4(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{11}^{(2)}(\mu_{21}^{(2)})^2 + 2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{03}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} - 4\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}(\mu_{11}^{(2)})^2\mu_{12}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}(\mu_{20}^{(2)})^2\mu_{03}^{(2)} - 2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
& +4\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} + 8\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}(\mu_{11}^{(2)})^2\mu_{21}^{(2)} \\
& -4\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}(\mu_{20}^{(2)})^2\mu_{12}^{(2)} - 2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{21}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)} - 4\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}(\mu_{11}^{(2)})^2\mu_{30}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{21}^{(2)} + 2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{30}^{(2)}
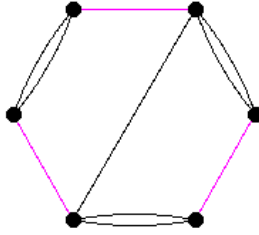\end{aligned}
$$

$$-4\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{02}^{(2)} + 4\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(1)}(\mu_{11}^{(2)})^3$$
$$+2\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{02}^{(2)} - 2\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}(\mu_{11}^{(2)})^2$$
$$+4\mu_{02}^{(1)}(\mu_{21}^{(1)})^2\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{02}^{(2)} - 4\mu_{02}^{(1)}(\mu_{21}^{(1)})^2(\mu_{11}^{(2)})^3 - 2\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}(\mu_{20}^{(2)})^2\mu_{02}^{(2)}$$
$$+2\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}(\mu_{11}^{(2)})^2 - (\mu_{02}^{(1)})^2\mu_{30}^{(1)}(\mu_{20}^{(2)})^2\mu_{03}^{(2)}$$
$$+2(\mu_{02}^{(1)})^2\mu_{30}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{12}^{(2)} + (\mu_{02}^{(1)})^2\mu_{21}^{(1)}(\mu_{20}^{(2)})^2\mu_{12}^{(2)}$$
$$-4(\mu_{02}^{(1)})^2\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{21}^{(2)} + (\mu_{02}^{(1)})^2\mu_{12}^{(1)}(\mu_{20}^{(2)})^2\mu_{21}^{(2)}$$
$$+2(\mu_{02}^{(1)})^2\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{30}^{(2)} - (\mu_{02}^{(1)})^2\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{30}^{(2)}$$

weight=7
structure: 4,2
Generating graph:

1	1	1	2	2	4	4		1	2	3
2	3	3	5	5	6	6		4	6	5

5

$$
\begin{aligned}
V_5 =\ & -\mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{21}^{(1)}(\mu_{02}^{(2)})^3 + 2\mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}(\mu_{02}^{(2)})^2 \\
& -\mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^2 + (\mu_{20}^{(1)})^2\mu_{30}^{(1)}(\mu_{02}^{(2)})^2\mu_{03}^{(2)} + 3\mu_{20}^{(1)}(\mu_{21}^{(1)})^2\mu_{11}^{(2)}(\mu_{02}^{(2)})^2 \\
& -4(\mu_{20}^{(1)})^2\mu_{21}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{03}^{(2)} + (\mu_{20}^{(1)})^3\mu_{11}^{(2)}(\mu_{03}^{(2)})^2 - (\mu_{20}^{(1)})^3\mu_{02}^{(2)}\mu_{12}^{(2)}\mu_{03}^{(2)} \\
& +(\mu_{20}^{(1)})^2\mu_{21}^{(1)}(\mu_{02}^{(2)})^2\mu_{12}^{(2)} - \mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^2 \\
& +(\mu_{20}^{(1)})^2\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{03}^{(2)} - (\mu_{20}^{(1)})^2\mu_{11}^{(1)}\mu_{20}^{(2)}(\mu_{03}^{(2)})^2 \\
& -8\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}(\mu_{11}^{(2)})^2\mu_{02}^{(2)} + 4(\mu_{20}^{(1)})^2\mu_{12}^{(1)}(\mu_{11}^{(2)})^2\mu_{03}^{(2)} \\
& -4(\mu_{20}^{(1)})^2\mu_{11}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)}\mu_{03}^{(2)} - 2(\mu_{20}^{(1)})^2\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} \\
& +2(\mu_{20}^{(1)})^2\mu_{11}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)} + 3(\mu_{20}^{(1)})^2\mu_{11}^{(1)}\mu_{02}^{(2)}(\mu_{12}^{(2)})^2 \\
& +4\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{02}^{(2)} - 2(\mu_{20}^{(1)})^2\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{03}^{(2)} \\
& +(\mu_{20}^{(1)})^2\mu_{02}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)}\mu_{03}^{(2)} + (\mu_{20}^{(1)})^2\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} \\
& +2(\mu_{20}^{(1)})^2\mu_{02}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)} - (\mu_{20}^{(1)})^2\mu_{02}^{(1)}\mu_{11}^{(2)}(\mu_{12}^{(2)})^2 \\
& -(\mu_{20}^{(1)})^2\mu_{02}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{03}^{(2)} - (\mu_{20}^{(1)})^2\mu_{02}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)} \\
& -4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{30}^{(1)}(\mu_{02}^{(2)})^2\mu_{12}^{(2)} + 2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{03}^{(2)} \\
& +12\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} - 2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{21}^{(1)}(\mu_{02}^{(2)})^2\mu_{21}^{(2)} \\
& +2\mu_{20}^{(1)}(\mu_{12}^{(1)})^2\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{02}^{(2)} - 4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{03}^{(2)} \\
& +4\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{20}^{(2)}\mu_{12}^{(2)}\mu_{03}^{(2)} - 4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} \\
& +4\mu_{20}^{(1)}(\mu_{12}^{(1)})^2(\mu_{11}^{(2)})^3 - 8\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{12}^{(1)}(\mu_{11}^{(2)})^2\mu_{12}^{(2)} + 4\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{11}^{(2)}(\mu_{12}^{(2)})^2 \\
& +4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} - 8\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{02}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{02}^{(2)} + 2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{03}^{(2)} \\
& -4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)} - 4\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}(\mu_{11}^{(2)})^2 \\
& +4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{12}^{(2)} - 2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{20}^{(2)}(\mu_{12}^{(2)})^2 \\
& -2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} + 4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{12}^{(2)} \\
& +2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{02}^{(2)}(\mu_{21}^{(2)})^2 - \mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{03}^{(2)} \\
& +2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} + \mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}(\mu_{02}^{(2)})^2\mu_{21}^{(2)} \\
& +2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{03}^{(2)} - \mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} \\
& -4\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}(\mu_{11}^{(2)})^2\mu_{12}^{(2)} - 4\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}(\mu_{02}^{(2)})^2\mu_{30}^{(2)} - \mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}(\mu_{20}^{(2)})^2\mu_{03}^{(2)} \\
& +4\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{12}^{(2)} + \mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& +4\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}(\mu_{11}^{(2)})^2\mu_{21}^{(2)} - 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& +\mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{20}^{(2)}\mu_{30}^{(2)}\mu_{03}^{(2)} + \mu_{20}^{(1)}(\mu_{03}^{(1)})^2(\mu_{20}^{(2)})^2\mu_{11}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{12}^{(2)} + \mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{20}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)} \\
& -2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{21}^{(2)} + \mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& -2\mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{11}^{(2)}\mu_{30}^{(2)}\mu_{12}^{(2)} + \mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{11}^{(2)}(\mu_{21}^{(2)})^2 \\
& -\mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{21}^{(2)} + \mu_{11}^{(1)}(\mu_{30}^{(1)})^2(\mu_{02}^{(2)})^3 - 4\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{11}^{(2)}(\mu_{02}^{(2)})^2 \\
& +2\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^2 - \mu_{11}^{(1)}(\mu_{21}^{(1)})^2\mu_{20}^{(2)}(\mu_{02}^{(2)})^2 + 4\mu_{11}^{(1)}(\mu_{21}^{(1)})^2(\mu_{11}^{(2)})^2\mu_{02}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{02}^{(2)} + 4(\mu_{11}^{(1)})^2\mu_{30}^{(1)}(\mu_{02}^{(2)})^2\mu_{21}^{(2)} \\
& -4(\mu_{11}^{(1)})^2\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} - 8(\mu_{11}^{(1)})^2\mu_{21}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& +\mu_{11}^{(1)}(\mu_{12}^{(1)})^2(\mu_{20}^{(2)})^2\mu_{02}^{(2)} - 4\mu_{11}^{(1)}(\mu_{12}^{(1)})^2\mu_{20}^{(2)}(\mu_{11}^{(2)})^2 + 8(\mu_{11}^{(1)})^2\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
& -4(\mu_{11}^{(1)})^3\mu_{20}^{(2)}(\mu_{12}^{(2)})^2 + 4(\mu_{11}^{(1)})^2\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} + 4(\mu_{11}^{(1)})^3\mu_{02}^{(2)}(\mu_{21}^{(2)})^2
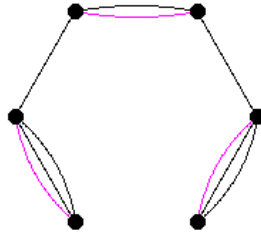\end{aligned}
$$

$$+4\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{11}^{(2)} - 4(\mu_{11}^{(1)})^2\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{12}^{(2)}$$
$$+8(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)} - 4(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{11}^{(2)}(\mu_{21}^{(2)})^2$$
$$-4(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{21}^{(2)} + 2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)}$$
$$-4\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} - 2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}(\mu_{02}^{(2)})^2\mu_{30}^{(2)}$$
$$-4\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{12}^{(2)} + 4\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)}$$
$$+8\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}(\mu_{11}^{(2)})^2\mu_{21}^{(2)} + 4\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)}$$
$$+2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}(\mu_{20}^{(2)})^2\mu_{12}^{(2)} - 12\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{21}^{(2)}$$
$$-2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)} - 2\mu_{11}^{(1)}(\mu_{02}^{(1)})^2\mu_{20}^{(2)}\mu_{30}^{(2)}\mu_{12}^{(2)}$$
$$-\mu_{11}^{(1)}(\mu_{03}^{(1)})^2(\mu_{20}^{(2)})^3 + 4\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{21}^{(2)} - 3\mu_{11}^{(1)}(\mu_{02}^{(1)})^2\mu_{20}^{(2)}(\mu_{21}^{(2)})^2$$
$$+4\mu_{11}^{(1)}(\mu_{02}^{(1)})^2\mu_{11}^{(2)}\mu_{30}^{(2)}\mu_{21}^{(2)} + \mu_{11}^{(1)}(\mu_{02}^{(1)})^2\mu_{02}^{(2)}(\mu_{30}^{(2)})^2 - \mu_{02}^{(1)}(\mu_{30}^{(1)})^2\mu_{11}^{(2)}(\mu_{02}^{(2)})^2$$
$$+\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^2 + 4\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{21}^{(1)}(\mu_{11}^{(2)})^2\mu_{02}^{(2)}$$
$$-4\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{02}^{(2)} + \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{02}^{(2)}$$
$$-2\mu_{02}^{(1)}(\mu_{21}^{(1)})^2\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{02}^{(2)} - 4\mu_{02}^{(1)}(\mu_{21}^{(1)})^2(\mu_{11}^{(2)})^3 + \mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}(\mu_{20}^{(2)})^2\mu_{02}^{(2)}$$
$$+8\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}(\mu_{11}^{(2)})^2 - 2\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{11}^{(2)}$$
$$-3\mu_{02}^{(1)}(\mu_{12}^{(1)})^2(\mu_{20}^{(2)})^2\mu_{11}^{(2)} + \mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^3 - (\mu_{02}^{(1)})^2\mu_{30}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)}$$
$$+2(\mu_{02}^{(1)})^2\mu_{30}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)} + 2(\mu_{02}^{(1)})^2\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{21}^{(2)}$$
$$-(\mu_{02}^{(1)})^2\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)} - 4(\mu_{02}^{(1)})^2\mu_{21}^{(1)}(\mu_{11}^{(2)})^2\mu_{30}^{(2)} - (\mu_{02}^{(1)})^2\mu_{12}^{(1)}(\mu_{20}^{(2)})^2\mu_{21}^{(2)}$$
$$+4(\mu_{02}^{(1)})^2\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{30}^{(2)} + (\mu_{02}^{(1)})^3\mu_{20}^{(2)}\mu_{30}^{(2)}\mu_{21}^{(2)} - (\mu_{02}^{(1)})^2\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{30}^{(2)}$$
$$-(\mu_{02}^{(1)})^3\mu_{11}^{(2)}(\mu_{30}^{(2)})^2$$

weight=7

structure: 4,2

Generating graph:

1	1	1	2	4	4	4		1	2	4
2	3	3	5	5	6	6		3	5	6

$$
\begin{aligned}
V_6 =\ & (\mu_{30}^{(1)})^2\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{03}^{(2)} - (\mu_{30}^{(1)})^2\mu_{12}^{(1)}(\mu_{02}^{(2)})^2\mu_{12}^{(2)} \\
& -(\mu_{30}^{(1)})^2\mu_{03}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} + (\mu_{30}^{(1)})^2\mu_{03}^{(1)}(\mu_{02}^{(2)})^2\mu_{21}^{(2)} \\
& -\mu_{30}^{(1)}(\mu_{21}^{(1)})^2\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{03}^{(2)} + \mu_{30}^{(1)}(\mu_{21}^{(1)})^2(\mu_{02}^{(2)})^2\mu_{12}^{(2)} \\
& -\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{03}^{(2)} - 2\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}(\mu_{11}^{(2)})^2\mu_{03}^{(2)} \\
& +4\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} - \mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}(\mu_{02}^{(2)})^2\mu_{21}^{(2)} \\
& +\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} + 2\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}(\mu_{11}^{(2)})^2\mu_{12}^{(2)} \\
& -2\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} - \mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}(\mu_{02}^{(2)})^2\mu_{30}^{(2)} \\
& +3\mu_{30}^{(1)}(\mu_{12}^{(1)})^2\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{03}^{(2)} - \mu_{30}^{(1)}(\mu_{12}^{(1)})^2\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} \\
& -2\mu_{30}^{(1)}(\mu_{12}^{(1)})^2(\mu_{11}^{(2)})^2\mu_{12}^{(2)} - \mu_{30}^{(1)}(\mu_{12}^{(1)})^2\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} + \mu_{30}^{(1)}(\mu_{12}^{(1)})^2(\mu_{02}^{(2)})^2\mu_{30}^{(2)} \\
& -\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{03}^{(2)} - 2\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
& +\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} + 2\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}(\mu_{11}^{(2)})^2\mu_{21}^{(2)} \\
& +\mu_{30}^{(1)}(\mu_{03}^{(1)})^2(\mu_{20}^{(2)})^2\mu_{12}^{(2)} - \mu_{30}^{(1)}(\mu_{03}^{(1)})^2\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{21}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}(\mu_{03}^{(2)})^2 - 2\mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)}\mu_{03}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{02}^{(2)}(\mu_{12}^{(2)})^2 - \mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)}\mu_{03}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)} + \mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{11}^{(2)}(\mu_{12}^{(2)})^2 \\
& -\mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)} + (\mu_{21}^{(1)})^3\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{03}^{(2)} \\
& -\mu_{20}^{(1)}(\mu_{21}^{(1)})^2\mu_{20}^{(2)}(\mu_{03}^{(2)})^2 + (\mu_{20}^{(1)})^2\mu_{21}^{(1)}\mu_{21}^{(2)}(\mu_{03}^{(2)})^2 + 2(\mu_{21}^{(1)})^3(\mu_{11}^{(2)})^2\mu_{03}^{(2)} \\
& +2\mu_{20}^{(1)}(\mu_{21}^{(1)})^2\mu_{11}^{(2)}\mu_{12}^{(2)}\mu_{03}^{(2)} - (\mu_{20}^{(1)})^2\mu_{21}^{(1)}(\mu_{12}^{(2)})^2\mu_{03}^{(2)} - 3(\mu_{21}^{(1)})^3\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} \\
& -\mu_{20}^{(1)}(\mu_{21}^{(1)})^2\mu_{02}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)} - (\mu_{20}^{(1)})^2\mu_{12}^{(1)}\mu_{30}^{(2)}(\mu_{03}^{(2)})^2 \\
& -3(\mu_{21}^{(1)})^2\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{03}^{(2)} + \mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)}\mu_{03}^{(2)} \\
& +(\mu_{20}^{(1)})^2\mu_{12}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)}\mu_{03}^{(2)} + \mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)} \\
& -3\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}(\mu_{12}^{(2)})^2 + 3(\mu_{21}^{(1)})^2\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{03}^{(2)} + (\mu_{20}^{(1)})^2\mu_{03}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)}\mu_{03}^{(2)} \\
& +(\mu_{21}^{(1)})^2\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{03}^{(2)} - (\mu_{20}^{(1)})^2\mu_{03}^{(1)}(\mu_{21}^{(2)})^2\mu_{03}^{(2)} - (\mu_{21}^{(1)})^2\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}(\mu_{12}^{(2)})^2 - (\mu_{21}^{(1)})^2\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)}\mu_{03}^{(2)} - \mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)} \\
& -2(\mu_{21}^{(1)})^2\mu_{03}^{(1)}(\mu_{11}^{(2)})^2\mu_{21}^{(2)} + 3(\mu_{21}^{(1)})^2\mu_{03}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{02}^{(2)}(\mu_{21}^{(2)})^2 - \mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{21}^{(2)}(\mu_{03}^{(2)})^2 \\
& +\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{30}^{(1)}(\mu_{12}^{(2)})^2\mu_{03}^{(2)} + \mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{30}^{(2)}(\mu_{03}^{(2)})^2 \\
& -4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)}\mu_{03}^{(2)} + 3\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{21}^{(1)}(\mu_{12}^{(2)})^3 \\
& +2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)}\mu_{03}^{(2)} - \mu_{20}^{(1)}(\mu_{12}^{(1)})^2\mu_{20}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{12}^{(1)}(\mu_{21}^{(2)})^2\mu_{03}^{(2)} + 3\mu_{21}^{(1)}(\mu_{12}^{(1)})^2\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
& -3\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{21}^{(2)}(\mu_{12}^{(2)})^2 - \mu_{20}^{(1)}(\mu_{12}^{(1)})^2\mu_{11}^{(2)}\mu_{30}^{(2)}\mu_{03}^{(2)} \\
& +3\mu_{20}^{(1)}(\mu_{12}^{(1)})^2\mu_{11}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)} - 3\mu_{21}^{(1)}(\mu_{12}^{(1)})^2\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& -\mu_{20}^{(1)}(\mu_{12}^{(1)})^2\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{12}^{(2)} - 3\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{30}^{(2)}(\mu_{12}^{(2)})^2 \\
& +\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)}\mu_{03}^{(2)} - \mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{12}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)} + 3\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{03}^{(1)}(\mu_{21}^{(2)})^2\mu_{12}^{(2)} \\
& +4\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{21}^{(2)} - \mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& +2\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)}\mu_{12}^{(2)} - 2\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{11}^{(2)}(\mu_{21}^{(2)})^2
\end{aligned}
$$

$$-2\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}(\mu_{11}^{(2)})^2\mu_{30}^{(2)} + \mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)}\mu_{03}^{(2)}$$
$$-\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}(\mu_{12}^{(2)})^3 - \mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)}\mu_{03}^{(2)}$$
$$+\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}(\mu_{21}^{(2)})^2\mu_{03}^{(2)} - \mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)}$$
$$+\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{30}^{(2)}(\mu_{12}^{(2)})^2 + \mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)}$$
$$-\mu_{20}^{(1)}(\mu_{03}^{(1)})^2\mu_{20}^{(2)}\mu_{30}^{(2)}\mu_{12}^{(2)} - \mu_{21}^{(1)}(\mu_{03}^{(1)})^2(\mu_{20}^{(2)})^2\mu_{21}^{(2)} + \mu_{20}^{(1)}(\mu_{03}^{(1)})^2\mu_{20}^{(2)}(\mu_{21}^{(2)})^2$$
$$-\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{03}^{(1)}(\mu_{21}^{(2)})^3 + \mu_{21}^{(1)}(\mu_{03}^{(1)})^2\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{30}^{(2)}$$
$$+2\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)} - 2\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{02}^{(2)}(\mu_{12}^{(2)})^2$$
$$-2\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)}\mu_{03}^{(2)} + 4\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}(\mu_{12}^{(2)})^2$$
$$-\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{03}^{(2)} - \mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)}$$
$$+\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)} + \mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}(\mu_{12}^{(2)})^2$$
$$-4\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)} + \mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{12}^{(2)}$$
$$+\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{02}^{(2)}(\mu_{21}^{(2)})^2 + 2\mu_{11}^{(1)}(\mu_{21}^{(1)})^2\mu_{20}^{(2)}\mu_{12}^{(2)}\mu_{03}^{(2)}$$
$$-4\mu_{11}^{(1)}(\mu_{21}^{(1)})^2\mu_{11}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)} - \mu_{11}^{(1)}(\mu_{21}^{(1)})^2\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{03}^{(2)}$$
$$+3\mu_{11}^{(1)}(\mu_{21}^{(1)})^2\mu_{02}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)} + \mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)}$$
$$-3\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}(\mu_{12}^{(2)})^2 + 4\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)}\mu_{03}^{(2)}$$
$$+\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{12}^{(2)} - 3\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{02}^{(2)}(\mu_{21}^{(2)})^2$$
$$-\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)}\mu_{03}^{(2)} - \mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)}$$
$$+4\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{11}^{(2)}(\mu_{21}^{(2)})^2 - 2\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{21}^{(2)}$$
$$+2(\mu_{11}^{(1)})^2\mu_{30}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)}\mu_{03}^{(2)} - 2(\mu_{11}^{(1)})^2\mu_{30}^{(1)}(\mu_{12}^{(2)})^3 - 2(\mu_{11}^{(1)})^2\mu_{21}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)}\mu_{03}^{(2)}$$
$$+2(\mu_{11}^{(1)})^2\mu_{21}^{(1)}(\mu_{21}^{(2)})^2\mu_{03}^{(2)} - 2(\mu_{11}^{(1)})^2\mu_{12}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)} + 2(\mu_{11}^{(1)})^2\mu_{12}^{(1)}\mu_{30}^{(2)}(\mu_{12}^{(2)})^2$$
$$-\mu_{11}^{(1)}(\mu_{12}^{(1)})^2\mu_{20}^{(2)}\mu_{30}^{(2)}\mu_{03}^{(2)} + 3\mu_{11}^{(1)}(\mu_{12}^{(1)})^2\mu_{20}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)}$$
$$-3(\mu_{12}^{(1)})^3\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{21}^{(2)} + (\mu_{12}^{(1)})^3\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)} - 4\mu_{11}^{(1)}(\mu_{12}^{(1)})^2\mu_{11}^{(2)}\mu_{30}^{(2)}\mu_{12}^{(2)}$$
$$+2(\mu_{12}^{(1)})^3(\mu_{11}^{(2)})^2\mu_{30}^{(2)} + 2\mu_{11}^{(1)}(\mu_{12}^{(1)})^2\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{21}^{(2)} + 2(\mu_{11}^{(1)})^2\mu_{03}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)}$$
$$+2\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)}\mu_{12}^{(2)} + (\mu_{12}^{(1)})^2\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{21}^{(2)}$$
$$-2\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}(\mu_{21}^{(2)})^2 - 2(\mu_{11}^{(1)})^2\mu_{03}^{(1)}(\mu_{21}^{(2)})^3 - (\mu_{12}^{(1)})^2\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{30}^{(2)}$$
$$-3\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}(\mu_{21}^{(2)})^2\mu_{03}^{(2)} + 3\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{21}^{(2)}(\mu_{12}^{(2)})^2$$
$$+2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)} + \mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{30}^{(2)}(\mu_{12}^{(2)})^2$$
$$-3\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}(\mu_{21}^{(2)})^2\mu_{12}^{(2)} + \mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}(\mu_{30}^{(2)})^2\mu_{03}^{(2)}$$
$$-4\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)} + 3\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}(\mu_{21}^{(2)})^3$$
$$-\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{03}^{(1)}(\mu_{30}^{(2)})^2\mu_{12}^{(2)} + \mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{30}^{(2)}(\mu_{21}^{(2)})^2$$
$$-\mu_{02}^{(1)}(\mu_{30}^{(1)})^2\mu_{02}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)} + \mu_{02}^{(1)}(\mu_{30}^{(1)})^2\mu_{02}^{(2)}(\mu_{12}^{(2)})^2$$
$$+2\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)} - 2\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{11}^{(2)}(\mu_{12}^{(2)})^2$$
$$+\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{03}^{(2)} - \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}(\mu_{12}^{(2)})^2 - \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)}\mu_{03}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)} + \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{02}^{(2)}(\mu_{21}^{(2)})^2$$
$$-\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)} + \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)}\mu_{12}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{11}^{(2)}(\mu_{21}^{(2)})^2 - \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{21}^{(2)}$$
$$-\mu_{02}^{(1)}(\mu_{21}^{(1)})^2\mu_{20}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)} - \mu_{02}^{(1)}(\mu_{21}^{(1)})^2\mu_{11}^{(2)}\mu_{30}^{(2)}\mu_{03}^{(2)}$$
$$+3\mu_{02}^{(1)}(\mu_{21}^{(1)})^2\mu_{11}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)} - \mu_{02}^{(1)}(\mu_{21}^{(1)})^2\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{12}^{(2)}$$

$$
\begin{aligned}
&+\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)}\mu_{03}^{(2)} + \mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)}\mu_{12}^{(2)} \\
&-3\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}(\mu_{21}^{(2)})^2 + \mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{21}^{(2)} \\
&+\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}(\mu_{21}^{(2)})^2 - 2\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)}\mu_{21}^{(2)} \\
&+\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{02}^{(2)}(\mu_{30}^{(2)})^2 - \mu_{02}^{(1)}(\mu_{12}^{(1)})^2\mu_{20}^{(2)}\mu_{30}^{(2)}\mu_{12}^{(2)} \\
&+2\mu_{02}^{(1)}(\mu_{12}^{(1)})^2\mu_{11}^{(2)}\mu_{30}^{(2)}\mu_{21}^{(2)} - \mu_{02}^{(1)}(\mu_{12}^{(1)})^2\mu_{02}^{(2)}(\mu_{30}^{(2)})^2 \\
&+(\mu_{02}^{(1)})^2\mu_{30}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)} - (\mu_{02}^{(1)})^2\mu_{30}^{(1)}\mu_{30}^{(2)}(\mu_{12}^{(2)})^2 - (\mu_{02}^{(1)})^2\mu_{21}^{(1)}(\mu_{30}^{(2)})^2\mu_{03}^{(2)} \\
&+(\mu_{02}^{(1)})^2\mu_{21}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)} + (\mu_{02}^{(1)})^2\mu_{12}^{(1)}(\mu_{30}^{(2)})^2\mu_{12}^{(2)} - (\mu_{02}^{(1)})^2\mu_{12}^{(1)}\mu_{30}^{(2)}(\mu_{21}^{(2)})^2
\end{aligned}
$$

weight=8
structure: 2,4
Generating graph:

$$
\begin{array}{cccccccc c ccc}
1 & 1 & 1 & 2 & 2 & 3 & 3 & 4 & \quad & 1 & 3 & 4 \\
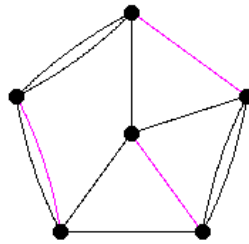2 & 3 & 4 & 4 & 5 & 5 & 6 & 6 & \quad & 2 & 5 & 6
\end{array}
$$
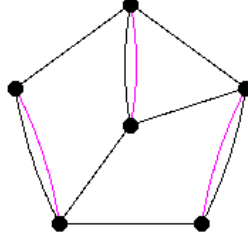
$$
\begin{aligned}
V_7 =\; & (\mu_{30}^{(1)})^2\mu_{12}^{(1)}\mu_{21}^{(2)}(\mu_{03}^{(2)})^2 - (\mu_{30}^{(1)})^2\mu_{12}^{(1)}(\mu_{12}^{(2)})^2\mu_{03}^{(2)} - (\mu_{30}^{(1)})^2\mu_{03}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)}\mu_{03}^{(2)} \\
&+(\mu_{30}^{(1)})^2\mu_{03}^{(1)}(\mu_{12}^{(2)})^3 - \mu_{30}^{(1)}(\mu_{21}^{(1)})^2\mu_{21}^{(2)}(\mu_{03}^{(2)})^2 + \mu_{30}^{(1)}(\mu_{21}^{(1)})^2(\mu_{12}^{(2)})^2\mu_{03}^{(2)} \\
&-\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{30}^{(2)}(\mu_{03}^{(2)})^2 + \mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)}\mu_{03}^{(2)} \\
&+\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)}\mu_{03}^{(2)} + 2\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}(\mu_{21}^{(2)})^2\mu_{03}^{(2)} \\
&-3\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{21}^{(2)}(\mu_{12}^{(2)})^2 + 2\mu_{30}^{(1)}(\mu_{12}^{(1)})^2\mu_{30}^{(2)}\mu_{12}^{(2)}\mu_{03}^{(2)} \\
&-2\mu_{30}^{(1)}(\mu_{12}^{(1)})^2(\mu_{21}^{(2)})^2\mu_{03}^{(2)} - \mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)} \\
&-2\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{30}^{(2)}(\mu_{12}^{(2)})^2 + 3\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}(\mu_{21}^{(2)})^2\mu_{12}^{(2)} \\
&+\mu_{30}^{(1)}(\mu_{03}^{(1)})^2\mu_{30}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)} - \mu_{30}^{(1)}(\mu_{03}^{(1)})^2(\mu_{21}^{(2)})^3 + (\mu_{21}^{(1)})^3\mu_{30}^{(2)}(\mu_{03}^{(2)})^2 - (\mu_{21}^{(1)})^3(\mu_{12}^{(2)})^3 \\
&-3(\mu_{21}^{(1)})^2\mu_{12}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)}\mu_{03}^{(2)} + 3(\mu_{21}^{(1)})^2\mu_{12}^{(1)}\mu_{21}^{(2)}(\mu_{12}^{(2)})^2 \\
&-2(\mu_{21}^{(1)})^2\mu_{03}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)} + 2(\mu_{21}^{(1)})^2\mu_{03}^{(1)}\mu_{30}^{(2)}(\mu_{12}^{(2)})^2 \\
&+3\mu_{21}^{(1)}(\mu_{12}^{(1)})^2\mu_{30}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)} - 3\mu_{21}^{(1)}(\mu_{12}^{(1)})^2(\mu_{21}^{(2)})^2\mu_{12}^{(2)} \\
&+\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}(\mu_{30}^{(2)})^2\mu_{03}^{(2)} - \mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)} \\
&-\mu_{21}^{(1)}(\mu_{03}^{(1)})^2(\mu_{30}^{(2)})^2\mu_{12}^{(2)} + \mu_{21}^{(1)}(\mu_{03}^{(1)})^2\mu_{30}^{(2)}(\mu_{21}^{(2)})^2 - (\mu_{12}^{(1)})^3(\mu_{30}^{(2)})^2\mu_{03}^{(2)} + (\mu_{12}^{(1)})^3(\mu_{21}^{(2)})^3 \\
&+(\mu_{12}^{(1)})^2\mu_{03}^{(1)}(\mu_{30}^{(2)})^2\mu_{12}^{(2)} - (\mu_{12}^{(1)})^2\mu_{03}^{(1)}\mu_{30}^{(2)}(\mu_{21}^{(2)})^2
\end{aligned}
$$

weight=9

structure: 0,6
Generating graph:

$$
\begin{array}{ccccccccc} 1 & 1 & 1 & 2 & 2 & 3 & 3 & 4 & 4 \\ 2 & 3 & 4 & 5 & 5 & 5 & 6 & 6 & 6 \end{array} \qquad \begin{array}{ccc} 1 & 3 & 5 \\ 2 & 4 & 6 \end{array}
$$

$$
\begin{aligned}
V_8 ={}& (\mu_{20}^{(1)})^2 \mu_{30}^{(1)} \mu_{21}^{(1)} (\mu_{02}^{(2)})^4 - 2(\mu_{20}^{(1)})^2 \mu_{30}^{(1)} \mu_{12}^{(1)} \mu_{11}^{(2)} (\mu_{02}^{(2)})^3 \\
&+ (\mu_{20}^{(1)})^2 \mu_{30}^{(1)} \mu_{03}^{(1)} (\mu_{11}^{(2)})^2 (\mu_{02}^{(2)})^2 - 3(\mu_{20}^{(1)})^2 (\mu_{21}^{(1)})^2 \mu_{11}^{(2)} (\mu_{02}^{(2)})^3 + (\mu_{20}^{(1)})^4 \mu_{11}^{(2)} \mu_{02}^{(2)} (\mu_{03}^{(2)})^2 \\
&- (\mu_{20}^{(1)})^4 (\mu_{02}^{(2)})^2 \mu_{12}^{(2)} \mu_{03}^{(2)} + (\mu_{20}^{(1)})^3 \mu_{12}^{(1)} \mu_{20}^{(2)} (\mu_{02}^{(2)})^2 \mu_{03}^{(2)} \\
&- (\mu_{20}^{(1)})^3 \mu_{11}^{(1)} \mu_{20}^{(2)} \mu_{02}^{(2)} (\mu_{03}^{(2)})^2 + 9(\mu_{20}^{(1)})^2 \mu_{21}^{(1)} \mu_{12}^{(1)} (\mu_{11}^{(2)})^2 (\mu_{02}^{(2)})^2 \\
&- (\mu_{20}^{(1)})^3 \mu_{12}^{(1)} (\mu_{11}^{(2)})^2 \mu_{02}^{(2)} \mu_{03}^{(2)} - 2(\mu_{20}^{(1)})^3 \mu_{11}^{(1)} (\mu_{11}^{(2)})^2 (\mu_{03}^{(2)})^2 \\
&- 2(\mu_{20}^{(1)})^3 \mu_{11}^{(1)} \mu_{11}^{(2)} \mu_{02}^{(2)} \mu_{12}^{(2)} \mu_{03}^{(2)} + 2(\mu_{20}^{(1)})^3 \mu_{11}^{(1)} (\mu_{02}^{(2)})^2 \mu_{21}^{(2)} \mu_{03}^{(2)} \\
&+ 3(\mu_{20}^{(1)})^3 \mu_{11}^{(1)} (\mu_{02}^{(2)})^2 (\mu_{12}^{(2)})^2 - 2(\mu_{20}^{(1)})^3 \mu_{03}^{(1)} \mu_{20}^{(2)} \mu_{11}^{(2)} \mu_{02}^{(2)} \mu_{03}^{(2)} \\
&- (\mu_{20}^{(1)})^3 \mu_{02}^{(1)} \mu_{20}^{(2)} \mu_{11}^{(2)} (\mu_{03}^{(2)})^2 + 2(\mu_{20}^{(1)})^3 \mu_{02}^{(1)} \mu_{20}^{(2)} \mu_{02}^{(2)} \mu_{12}^{(2)} \mu_{03}^{(2)} \\
&+ (\mu_{20}^{(1)})^3 \mu_{03}^{(1)} \mu_{20}^{(2)} (\mu_{02}^{(2)})^2 \mu_{12}^{(2)} - 4(\mu_{20}^{(1)})^2 \mu_{21}^{(1)} \mu_{03}^{(1)} (\mu_{11}^{(2)})^3 \mu_{02}^{(2)} \\
&+ 2(\mu_{20}^{(1)})^3 \mu_{03}^{(1)} (\mu_{11}^{(2)})^3 \mu_{03}^{(2)} + 4(\mu_{20}^{(1)})^3 \mu_{02}^{(1)} (\mu_{11}^{(2)})^2 \mu_{12}^{(2)} \mu_{03}^{(2)} \\
&- (\mu_{20}^{(1)})^3 \mu_{03}^{(1)} (\mu_{11}^{(2)})^2 \mu_{02}^{(2)} \mu_{12}^{(2)} - 2(\mu_{20}^{(1)})^3 \mu_{02}^{(1)} \mu_{11}^{(2)} \mu_{02}^{(2)} \mu_{21}^{(2)} \mu_{03}^{(2)} \\
&- 3(\mu_{20}^{(1)})^3 \mu_{02}^{(1)} \mu_{11}^{(2)} \mu_{02}^{(2)} (\mu_{12}^{(2)})^2 - 2(\mu_{20}^{(1)})^2 \mu_{11}^{(1)} \mu_{21}^{(1)} \mu_{20}^{(2)} (\mu_{02}^{(2)})^2 \mu_{03}^{(2)} \\
&+ 2(\mu_{20}^{(1)})^2 \mu_{11}^{(1)} \mu_{21}^{(1)} (\mu_{11}^{(2)})^2 \mu_{02}^{(2)} \mu_{03}^{(2)} + 4(\mu_{20}^{(1)})^2 \mu_{11}^{(1)} \mu_{12}^{(1)} \mu_{20}^{(2)} \mu_{11}^{(2)} \mu_{02}^{(2)} \mu_{03}^{(2)} \\
&+ 4(\mu_{20}^{(1)})^2 (\mu_{11}^{(1)})^2 \mu_{20}^{(2)} \mu_{11}^{(2)} (\mu_{03}^{(2)})^2 + 2(\mu_{20}^{(1)})^2 (\mu_{11}^{(1)})^2 \mu_{20}^{(2)} \mu_{02}^{(2)} \mu_{12}^{(2)} \mu_{03}^{(2)} \\
&- 6(\mu_{20}^{(1)})^2 \mu_{11}^{(1)} \mu_{12}^{(1)} \mu_{20}^{(2)} (\mu_{02}^{(2)})^2 \mu_{12}^{(2)} - 6(\mu_{20}^{(1)})^2 (\mu_{12}^{(1)})^2 (\mu_{11}^{(2)})^3 \mu_{02}^{(2)} \\
&- 4(\mu_{20}^{(1)})^2 \mu_{11}^{(1)} \mu_{12}^{(1)} (\mu_{11}^{(2)})^3 \mu_{03}^{(2)} + 4(\mu_{20}^{(1)})^2 (\mu_{11}^{(1)})^2 (\mu_{11}^{(2)})^2 \mu_{12}^{(2)} \mu_{03}^{(2)} \\
&+ 6(\mu_{20}^{(1)})^2 \mu_{11}^{(1)} \mu_{12}^{(1)} (\mu_{11}^{(2)})^2 \mu_{02}^{(2)} \mu_{12}^{(2)} - (\mu_{20}^{(1)})^2 (\mu_{11}^{(1)})^2 (\mu_{02}^{(2)})^2 \mu_{30}^{(2)} \mu_{03}^{(2)} \\
&- 9(\mu_{20}^{(1)})^2 (\mu_{11}^{(1)})^2 (\mu_{02}^{(2)})^2 \mu_{21}^{(2)} \mu_{12}^{(2)} - (\mu_{20}^{(1)})^2 \mu_{12}^{(1)} \mu_{03}^{(1)} (\mu_{20}^{(2)})^2 (\mu_{02}^{(2)})^2 \\
&+ 2(\mu_{20}^{(1)})^2 \mu_{11}^{(1)} \mu_{03}^{(1)} (\mu_{20}^{(2)})^2 \mu_{02}^{(2)} \mu_{03}^{(2)} + (\mu_{20}^{(1)})^2 \mu_{11}^{(1)} \mu_{02}^{(1)} (\mu_{20}^{(2)})^2 (\mu_{03}^{(2)})^2 \\
&+ 2(\mu_{20}^{(1)})^2 \mu_{12}^{(1)} \mu_{03}^{(1)} \mu_{20}^{(2)} (\mu_{11}^{(2)})^2 \mu_{02}^{(2)} - 2(\mu_{20}^{(1)})^2 \mu_{11}^{(1)} \mu_{03}^{(1)} \mu_{20}^{(2)} (\mu_{11}^{(2)})^2 \mu_{03}^{(2)} \\
&- 6(\mu_{20}^{(1)})^2 \mu_{11}^{(1)} \mu_{02}^{(1)} \mu_{20}^{(2)} \mu_{11}^{(2)} \mu_{12}^{(2)} \mu_{03}^{(2)} + 4(\mu_{20}^{(1)})^2 \mu_{11}^{(1)} \mu_{03}^{(1)} \mu_{20}^{(2)} \mu_{11}^{(2)} \mu_{02}^{(2)} \mu_{12}^{(2)} \\
&- 2(\mu_{20}^{(1)})^2 \mu_{11}^{(1)} \mu_{02}^{(1)} \mu_{20}^{(2)} \mu_{02}^{(2)} \mu_{21}^{(2)} \mu_{03}^{(2)} - 3(\mu_{20}^{(1)})^2 \mu_{11}^{(1)} \mu_{02}^{(1)} \mu_{20}^{(2)} \mu_{02}^{(2)} (\mu_{12}^{(2)})^2 \\
&- 2(\mu_{20}^{(1)})^2 \mu_{11}^{(1)} \mu_{03}^{(1)} \mu_{20}^{(2)} (\mu_{02}^{(2)})^2 \mu_{21}^{(2)} - 4(\mu_{20}^{(1)})^2 \mu_{11}^{(1)} \mu_{02}^{(1)} (\mu_{11}^{(2)})^2 \mu_{21}^{(2)} \mu_{03}^{(2)} \\
&+ 4(\mu_{20}^{(1)})^2 \mu_{12}^{(1)} \mu_{03}^{(1)} (\mu_{11}^{(2)})^4 - 4(\mu_{20}^{(1)})^2 \mu_{11}^{(1)} \mu_{03}^{(1)} (\mu_{11}^{(2)})^3 \mu_{12}^{(2)} \\
&- 6(\mu_{20}^{(1)})^2 \mu_{11}^{(1)} \mu_{02}^{(1)} (\mu_{11}^{(2)})^2 (\mu_{12}^{(2)})^2 + 2(\mu_{20}^{(1)})^2 \mu_{11}^{(1)} \mu_{03}^{(1)} (\mu_{11}^{(2)})^2 \mu_{02}^{(2)} \mu_{21}^{(2)} \\
&+ 2(\mu_{20}^{(1)})^2 \mu_{11}^{(1)} \mu_{02}^{(1)} \mu_{11}^{(2)} \mu_{02}^{(2)} \mu_{30}^{(2)} \mu_{03}^{(2)} \\
&+ 18(\mu_{20}^{(1)})^2 \mu_{11}^{(1)} \mu_{02}^{(1)} \mu_{11}^{(2)} \mu_{02}^{(2)} \mu_{21}^{(2)} \mu_{12}^{(2)} - (\mu_{20}^{(1)})^2 \mu_{02}^{(1)} \mu_{30}^{(1)} (\mu_{11}^{(2)})^2 \mu_{02}^{(2)} \mu_{03}^{(2)} \\
&+ 2(\mu_{20}^{(1)})^2 \mu_{02}^{(1)} \mu_{30}^{(1)} \mu_{11}^{(2)} (\mu_{02}^{(2)})^2 \mu_{12}^{(2)} - (\mu_{20}^{(1)})^2 \mu_{02}^{(1)} \mu_{30}^{(1)} (\mu_{02}^{(2)})^3 \mu_{21}^{(2)} \\
&+ 2(\mu_{20}^{(1)})^2 \mu_{02}^{(1)} \mu_{21}^{(1)} \mu_{20}^{(2)} \mu_{11}^{(2)} \mu_{02}^{(2)} \mu_{03}^{(2)} + 2(\mu_{20}^{(1)})^2 \mu_{02}^{(1)} \mu_{21}^{(1)} (\mu_{11}^{(2)})^3 \mu_{03}^{(2)} \\
&- 9(\mu_{20}^{(1)})^2 \mu_{02}^{(1)} \mu_{21}^{(1)} (\mu_{11}^{(2)})^2 \mu_{02}^{(2)} \mu_{12}^{(2)} + 6(\mu_{20}^{(1)})^2 \mu_{02}^{(1)} \mu_{21}^{(1)} \mu_{11}^{(2)} (\mu_{02}^{(2)})^2 \mu_{21}^{(2)} \\
&- (\mu_{20}^{(1)})^2 \mu_{02}^{(1)} \mu_{21}^{(1)} (\mu_{02}^{(2)})^3 \mu_{30}^{(2)} - 2(\mu_{20}^{(1)})^2 \mu_{02}^{(1)} \mu_{12}^{(1)} (\mu_{20}^{(2)})^2 \mu_{02}^{(2)} \mu_{03}^{(2)} \\
&- 3(\mu_{20}^{(1)})^2 \mu_{02}^{(1)} \mu_{12}^{(1)} \mu_{20}^{(2)} (\mu_{11}^{(2)})^2 \mu_{03}^{(2)} + 6(\mu_{20}^{(1)})^2 \mu_{02}^{(1)} \mu_{12}^{(1)} \mu_{20}^{(2)} \mu_{11}^{(2)} \mu_{02}^{(2)} \mu_{12}^{(2)} \\
&+ 6(\mu_{20}^{(1)})^2 \mu_{02}^{(1)} \mu_{12}^{(1)} (\mu_{11}^{(2)})^3 \mu_{12}^{(2)} - 9(\mu_{20}^{(1)})^2 \mu_{02}^{(1)} \mu_{12}^{(1)} (\mu_{11}^{(2)})^2 \mu_{02}^{(2)} \mu_{21}^{(2)} \\
&+ 2(\mu_{20}^{(1)})^2 \mu_{02}^{(1)} \mu_{12}^{(1)} \mu_{11}^{(2)} (\mu_{02}^{(2)})^2 \mu_{30}^{(2)} + (\mu_{20}^{(1)})^2 (\mu_{03}^{(1)})^2 (\mu_{20}^{(2)})^2 \mu_{11}^{(2)} \mu_{02}^{(2)} \\
&+ 2(\mu_{20}^{(1)})^2 \mu_{02}^{(1)} \mu_{03}^{(1)} (\mu_{20}^{(2)})^2 \mu_{11}^{(2)} \mu_{03}^{(2)} - (\mu_{20}^{(1)})^2 (\mu_{02}^{(1)})^2 (\mu_{20}^{(2)})^2 \mu_{12}^{(2)} \mu_{03}^{(2)} \\
&- 2(\mu_{20}^{(1)})^2 \mu_{02}^{(1)} \mu_{03}^{(1)} (\mu_{20}^{(2)})^2 \mu_{02}^{(2)} \mu_{12}^{(2)} + 2(\mu_{20}^{(1)})^2 (\mu_{02}^{(1)})^2 \mu_{20}^{(2)} \mu_{11}^{(2)} \mu_{21}^{(2)} \mu_{03}^{(2)} \\
&- 2(\mu_{20}^{(1)})^2 (\mu_{03}^{(1)})^2 \mu_{20}^{(2)} (\mu_{11}^{(2)})^3 - 3(\mu_{20}^{(1)})^2 \mu_{03}^{(1)} \mu_{03}^{(1)} \mu_{20}^{(2)} (\mu_{11}^{(2)})^2 \mu_{12}^{(2)} \\
&+ 3(\mu_{20}^{(1)})^2 (\mu_{02}^{(1)})^2 \mu_{20}^{(2)} \mu_{11}^{(2)} (\mu_{12}^{(2)})^2 + 2(\mu_{20}^{(1)})^2 \mu_{02}^{(1)} \mu_{03}^{(1)} \mu_{20}^{(2)} \mu_{11}^{(2)} \mu_{02}^{(2)} \mu_{21}^{(2)}
\end{aligned}
$$

$$+2(\mu_{20}^{(1)})^2\mu_{02}^{(1)}\mu_{03}^{(1)}(\mu_{11}^{(2)})^3\mu_{21}^{(2)} - (\mu_{20}^{(1)})^2\mu_{02}^{(1)}\mu_{03}^{(1)}(\mu_{11}^{(2)})^2\mu_{02}^{(2)}\mu_{30}^{(2)}$$
$$-2(\mu_{20}^{(1)})^2(\mu_{02}^{(1)})^2\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{12}^{(2)} - 3(\mu_{20}^{(1)})^2(\mu_{02}^{(1)})^2\mu_{11}^{(2)}\mu_{02}^{(2)}(\mu_{21}^{(2)})^2$$
$$+(\mu_{20}^{(1)})^2(\mu_{02}^{(1)})^2(\mu_{02}^{(2)})^2\mu_{30}^{(2)}\mu_{21}^{(2)} - \mu_{20}^{(1)}\mu_{11}^{(1)}(\mu_{30}^{(2)})^2(\mu_{02}^{(2)})^4$$
$$+2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{11}^{(2)}(\mu_{02}^{(2)})^3 + 2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^3$$
$$-2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}(\mu_{02}^{(2)})^2 + 3\mu_{20}^{(1)}\mu_{11}^{(1)}(\mu_{21}^{(1)})^2\mu_{20}^{(2)}(\mu_{02}^{(2)})^3$$
$$-18\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}(\mu_{02}^{(2)})^2 + 2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2(\mu_{02}^{(2)})^2$$
$$+8\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}(\mu_{11}^{(2)})^2\mu_{02}^{(2)} + \mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{30}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^2\mu_{03}^{(2)}$$
$$-2\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{30}^{(1)}\mu_{11}^{(2)}(\mu_{02}^{(2)})^2\mu_{12}^{(2)} + \mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{30}^{(1)}(\mu_{02}^{(2)})^3\mu_{21}^{(2)}$$
$$-4\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{03}^{(2)} + 9\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{21}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^2\mu_{12}^{(2)}$$
$$-6\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{21}^{(1)}\mu_{11}^{(2)}(\mu_{02}^{(2)})^2\mu_{21}^{(2)} + \mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{21}^{(1)}(\mu_{02}^{(2)})^3\mu_{30}^{(2)}$$
$$+3\mu_{20}^{(1)}\mu_{11}^{(1)}(\mu_{12}^{(1)})^2(\mu_{20}^{(2)})^2(\mu_{02}^{(2)})^2 - 3\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{12}^{(1)}(\mu_{20}^{(2)})^2\mu_{02}^{(2)}\mu_{03}^{(2)}$$
$$-2\mu_{20}^{(1)}(\mu_{11}^{(1)})^3(\mu_{20}^{(2)})^2(\mu_{03}^{(2)})^2 + 12\mu_{20}^{(1)}\mu_{11}^{(1)}(\mu_{12}^{(1)})^2\mu_{20}^{(2)}(\mu_{11}^{(2)})^2\mu_{02}^{(2)}$$
$$+8\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{12}^{(1)}\mu_{20}^{(2)}(\mu_{11}^{(2)})^2\mu_{03}^{(2)} - 8\mu_{20}^{(1)}(\mu_{11}^{(1)})^3\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{12}^{(2)}\mu_{03}^{(2)}$$
$$-12\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} + 9\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{12}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^2\mu_{21}^{(2)}$$
$$-2\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{12}^{(1)}\mu_{11}^{(2)}(\mu_{02}^{(2)})^2\mu_{30}^{(2)} + 4\mu_{20}^{(1)}(\mu_{11}^{(1)})^3(\mu_{02}^{(2)})^2\mu_{30}^{(2)}\mu_{12}^{(2)}$$
$$+6\mu_{20}^{(1)}(\mu_{11}^{(1)})^3(\mu_{02}^{(2)})^2(\mu_{21}^{(2)})^2 - 6\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{11}^{(2)}\mu_{02}^{(2)}$$
$$-2\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{11}^{(2)}\mu_{03}^{(2)} + 2\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{02}^{(1)}(\mu_{20}^{(2)})^2\mu_{12}^{(2)}\mu_{03}^{(2)}$$
$$-3\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{02}^{(2)}\mu_{12}^{(2)} + 8\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{21}^{(2)}\mu_{03}^{(2)}$$
$$-8\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}(\mu_{11}^{(2)})^3 + 8\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{03}^{(1)}\mu_{20}^{(2)}(\mu_{11}^{(2)})^2\mu_{12}^{(2)}$$
$$+12\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}(\mu_{12}^{(2)})^2 - 4\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)}$$
$$+\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{03}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^2\mu_{30}^{(2)} - 8\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{12}^{(2)}$$
$$-12\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}(\mu_{21}^{(2)})^2 - 2\mu_{20}^{(1)}(\mu_{11}^{(1)})^2\mu_{02}^{(1)}(\mu_{02}^{(2)})^2\mu_{30}^{(2)}\mu_{21}^{(2)}$$
$$-2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^2\mu_{12}^{(2)} + 4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}(\mu_{11}^{(2)})^2\mu_{02}^{(2)}\mu_{12}^{(2)}$$
$$-4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{11}^{(2)}(\mu_{02}^{(2)})^2\mu_{21}^{(2)} + 2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}(\mu_{02}^{(2)})^3\mu_{30}^{(2)}$$
$$+2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}(\mu_{20}^{(2)})^2\mu_{02}^{(2)}\mu_{03}^{(2)} - 4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}(\mu_{11}^{(2)})^2\mu_{03}^{(2)}$$
$$-6\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^2\mu_{21}^{(2)} + 12\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}(\mu_{11}^{(2)})^2\mu_{02}^{(2)}\mu_{21}^{(2)}$$
$$-4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{11}^{(2)}(\mu_{02}^{(2)})^2\mu_{30}^{(2)} + 4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}(\mu_{20}^{(2)})^2\mu_{11}^{(2)}\mu_{03}^{(2)}$$
$$+6\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}(\mu_{20}^{(2)})^2\mu_{02}^{(2)}\mu_{12}^{(2)} - 12\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}(\mu_{11}^{(2)})^2\mu_{12}^{(2)}$$
$$-2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^2\mu_{30}^{(2)} + 4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}(\mu_{11}^{(2)})^2\mu_{02}^{(2)}\mu_{30}^{(2)}$$
$$-\mu_{20}^{(1)}\mu_{11}^{(1)}(\mu_{03}^{(1)})^2(\mu_{20}^{(2)})^3\mu_{02}^{(2)} - 2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^3\mu_{03}^{(2)}$$
$$+4\mu_{20}^{(1)}\mu_{11}^{(1)}(\mu_{03}^{(1)})^2(\mu_{20}^{(2)})^2(\mu_{11}^{(2)})^2 + 4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{11}^{(2)}\mu_{12}^{(2)}$$
$$+2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{02}^{(2)}\mu_{21}^{(2)} - 2\mu_{20}^{(1)}\mu_{11}^{(1)}(\mu_{02}^{(1)})^2\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{30}^{(2)}\mu_{03}^{(2)}$$

$$-18\mu_{20}^{(1)}\mu_{11}^{(1)}(\mu_{02}^{(1)})^2\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{21}^{(2)}\mu_{12}^{(2)} - 4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}(\mu_{11}^{(2)})^2\mu_{21}^{(2)}$$
$$+2\mu_{20}^{(1)}\mu_{11}^{(1)}(\mu_{02}^{(1)})^2\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{12}^{(2)} + 3\mu_{20}^{(1)}\mu_{11}^{(1)}(\mu_{02}^{(1)})^2\mu_{20}^{(2)}\mu_{02}^{(2)}(\mu_{21}^{(2)})^2$$
$$+4\mu_{20}^{(1)}\mu_{11}^{(1)}(\mu_{02}^{(1)})^2(\mu_{11}^{(2)})^2\mu_{30}^{(2)}\mu_{12}^{(2)} + 6\mu_{20}^{(1)}\mu_{11}^{(1)}(\mu_{02}^{(1)})^2(\mu_{11}^{(2)})^2(\mu_{21}^{(2)})^2$$
$$+6\mu_{20}^{(1)}\mu_{11}^{(1)}(\mu_{02}^{(1)})^2\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{21}^{(2)} - \mu_{20}^{(1)}\mu_{11}^{(1)}(\mu_{02}^{(1)})^2(\mu_{02}^{(2)})^2(\mu_{30}^{(2)})^2$$
$$+\mu_{20}^{(1)}\mu_{02}^{(1)}(\mu_{30}^{(1)})^2\mu_{11}^{(2)}(\mu_{02}^{(2)})^3 - 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^3$$
$$-2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{21}^{(1)}(\mu_{11}^{(2)})^2(\mu_{02}^{(2)})^2 + 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}(\mu_{02}^{(2)})^2$$
$$+3\mu_{20}^{(1)}\mu_{02}^{(1)}(\mu_{21}^{(1)})^2\mu_{20}^{(2)}\mu_{11}^{(2)}(\mu_{02}^{(2)})^2 - 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{11}^{(2)}\mu_{02}^{(2)}$$
$$-3\mu_{20}^{(1)}\mu_{02}^{(1)}(\mu_{12}^{(1)})^2(\mu_{20}^{(2)})^2\mu_{11}^{(2)}\mu_{02}^{(2)} + 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^3\mu_{02}^{(2)}$$
$$+2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2(\mu_{11}^{(2)})^2 + \mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{30}^{(1)}\mu_{20}^{(2)}(\mu_{11}^{(2)})^2\mu_{03}^{(2)}$$
$$-2\mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{30}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} + 2\mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{30}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^2\mu_{21}^{(2)}$$
$$-2\mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{30}^{(1)}(\mu_{11}^{(2)})^3\mu_{12}^{(2)} + 3\mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{30}^{(1)}(\mu_{11}^{(2)})^2\mu_{02}^{(2)}\mu_{21}^{(2)}$$
$$-2\mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{30}^{(1)}\mu_{11}^{(2)}(\mu_{02}^{(2)})^2\mu_{30}^{(2)} - 2\mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{21}^{(1)}(\mu_{20}^{(2)})^2\mu_{11}^{(2)}\mu_{03}^{(2)}$$
$$+9\mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{21}^{(1)}\mu_{20}^{(2)}(\mu_{11}^{(2)})^2\mu_{12}^{(2)} - 6\mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)}$$
$$+2\mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{21}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^2\mu_{30}^{(2)} - 6\mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{21}^{(1)}(\mu_{11}^{(2)})^3\mu_{21}^{(2)}$$
$$+3\mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{21}^{(1)}(\mu_{11}^{(2)})^2\mu_{02}^{(2)}\mu_{30}^{(2)} + \mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{12}^{(1)}(\mu_{20}^{(2)})^3\mu_{03}^{(2)}$$
$$-6\mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{12}^{(1)}(\mu_{20}^{(2)})^2\mu_{11}^{(2)}\mu_{12}^{(2)} + 9\mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{12}^{(1)}\mu_{20}^{(2)}(\mu_{11}^{(2)})^2\mu_{21}^{(2)}$$
$$-2\mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)} - 2\mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{12}^{(1)}(\mu_{11}^{(2)})^3\mu_{30}^{(2)}$$
$$-\mu_{20}^{(1)}\mu_{02}^{(1)}(\mu_{03}^{(1)})^2(\mu_{20}^{(2)})^3\mu_{11}^{(2)} + \mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{03}^{(1)}(\mu_{20}^{(2)})^3\mu_{12}^{(2)}$$
$$-2\mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{11}^{(2)}\mu_{21}^{(2)} + 2\mu_{20}^{(1)}(\mu_{02}^{(1)})^3\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{30}^{(2)}\mu_{12}^{(2)}$$
$$+3\mu_{20}^{(1)}(\mu_{02}^{(1)})^3\mu_{20}^{(2)}\mu_{11}^{(2)}(\mu_{21}^{(2)})^2 + \mu_{20}^{(1)}(\mu_{02}^{(1)})^2\mu_{03}^{(1)}\mu_{20}^{(2)}(\mu_{11}^{(2)})^2\mu_{30}^{(2)}$$
$$-2\mu_{20}^{(1)}(\mu_{02}^{(1)})^3\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{21}^{(2)} - 4\mu_{20}^{(1)}(\mu_{02}^{(1)})^3(\mu_{11}^{(2)})^2\mu_{30}^{(2)}\mu_{21}^{(2)}$$
$$+\mu_{20}^{(1)}(\mu_{02}^{(1)})^3\mu_{11}^{(2)}\mu_{02}^{(2)}(\mu_{30}^{(2)})^2 + 2(\mu_{11}^{(1)})^2(\mu_{30}^{(1)})^2\mu_{11}^{(2)}(\mu_{02}^{(2)})^3$$
$$-4(\mu_{11}^{(1)})^2\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^3 - 4(\mu_{11}^{(1)})^2\mu_{30}^{(1)}\mu_{21}^{(1)}(\mu_{11}^{(2)})^2(\mu_{02}^{(2)})^2$$
$$+4(\mu_{11}^{(1)})^2\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}(\mu_{02}^{(2)})^2 + 6(\mu_{11}^{(1)})^2(\mu_{21}^{(1)})^2\mu_{20}^{(2)}\mu_{11}^{(2)}(\mu_{02}^{(2)})^2$$
$$-4(\mu_{11}^{(1)})^2\mu_{21}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{11}^{(2)}\mu_{02}^{(2)} - 2(\mu_{11}^{(1)})^3\mu_{30}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^2\mu_{12}^{(2)}$$
$$+4(\mu_{11}^{(1)})^3\mu_{30}^{(1)}\mu_{11}^{(2)}(\mu_{02}^{(2)})^2\mu_{21}^{(2)} - 2(\mu_{11}^{(1)})^3\mu_{30}^{(1)}(\mu_{02}^{(2)})^3\mu_{30}^{(2)}$$
$$+2(\mu_{11}^{(1)})^3\mu_{21}^{(1)}(\mu_{20}^{(2)})^2\mu_{02}^{(2)}\mu_{03}^{(2)} - 6(\mu_{11}^{(1)})^3\mu_{21}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^2\mu_{21}^{(2)}$$
$$+4(\mu_{11}^{(1)})^3\mu_{21}^{(1)}\mu_{11}^{(2)}(\mu_{02}^{(2)})^2\mu_{30}^{(2)} - 6(\mu_{11}^{(1)})^2(\mu_{12}^{(1)})^2(\mu_{20}^{(2)})^2\mu_{11}^{(2)}\mu_{02}^{(2)}$$
$$-4(\mu_{11}^{(1)})^3\mu_{12}^{(1)}(\mu_{20}^{(2)})^2\mu_{11}^{(2)}\mu_{03}^{(2)} + 4(\mu_{11}^{(1)})^4(\mu_{20}^{(2)})^2\mu_{12}^{(2)}\mu_{03}^{(2)}$$
$$+6(\mu_{11}^{(1)})^3\mu_{12}^{(1)}(\mu_{20}^{(2)})^2\mu_{02}^{(2)}\mu_{12}^{(2)} - 2(\mu_{11}^{(1)})^3\mu_{12}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^2\mu_{30}^{(2)}$$
$$-4(\mu_{11}^{(1)})^4(\mu_{02}^{(2)})^2\mu_{30}^{(2)}\mu_{21}^{(2)} + 4(\mu_{11}^{(1)})^2\mu_{12}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^3\mu_{02}^{(2)} + 2(\mu_{11}^{(1)})^3\mu_{03}^{(1)}(\mu_{20}^{(2)})^3\mu_{03}^{(2)}$$
$$-4(\mu_{11}^{(1)})^3\mu_{02}^{(1)}(\mu_{20}^{(2)})^2\mu_{21}^{(2)}\mu_{03}^{(2)} + 4(\mu_{11}^{(1)})^2\mu_{12}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2(\mu_{11}^{(2)})^2$$
$$-4(\mu_{11}^{(1)})^3\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{11}^{(2)}\mu_{12}^{(2)} - 6(\mu_{11}^{(1)})^3\mu_{02}^{(1)}(\mu_{20}^{(2)})^2(\mu_{12}^{(2)})^2$$
$$+2(\mu_{11}^{(1)})^3\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{02}^{(2)}\mu_{21}^{(2)} + 8(\mu_{11}^{(1)})^3\mu_{02}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{21}^{(2)}$$
$$+2(\mu_{11}^{(1)})^3\mu_{02}^{(1)}(\mu_{02}^{(2)})^2(\mu_{30}^{(2)})^2 - (\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{30}^{(1)}(\mu_{20}^{(2)})^2\mu_{02}^{(2)}\mu_{03}^{(2)}$$
$$+4(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{12}^{(2)} + 3(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^2\mu_{21}^{(2)}$$
$$-8(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{30}^{(1)}(\mu_{11}^{(2)})^2\mu_{02}^{(2)}\mu_{21}^{(2)} + 2(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{11}^{(2)}(\mu_{02}^{(2)})^2\mu_{30}^{(2)}$$
$$+2(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{21}^{(1)}(\mu_{20}^{(2)})^2\mu_{11}^{(2)}\mu_{03}^{(2)} - 9(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{21}^{(1)}(\mu_{20}^{(2)})^2\mu_{02}^{(2)}\mu_{12}^{(2)}$$
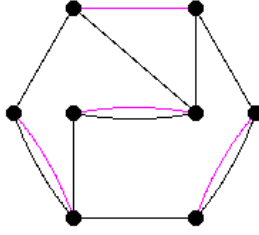
$$+12(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)} + 3(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^2\mu_{30}^{(2)}$$
$$-8(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{21}^{(1)}(\mu_{11}^{(2)})^2\mu_{02}^{(2)}\mu_{30}^{(2)} - (\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{12}^{(1)}(\mu_{20}^{(2)})^3\mu_{03}^{(2)}$$
$$+6(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{12}^{(1)}(\mu_{20}^{(2)})^2\mu_{11}^{(2)}\mu_{12}^{(2)} - 9(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{12}^{(1)}(\mu_{20}^{(2)})^2\mu_{02}^{(2)}\mu_{21}^{(2)}$$
$$+4(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)} + (\mu_{11}^{(1)})^2(\mu_{02}^{(1)})^2(\mu_{20}^{(2)})^2\mu_{30}^{(2)}\mu_{03}^{(2)}$$
$$-2(\mu_{11}^{(1)})^2(\mu_{03}^{(1)})^2(\mu_{20}^{(2)})^3\mu_{11}^{(2)} - (\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^3\mu_{12}^{(2)}$$
$$+9(\mu_{11}^{(1)})^2(\mu_{02}^{(1)})^2(\mu_{20}^{(2)})^2\mu_{21}^{(2)}\mu_{12}^{(2)} + 2(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{11}^{(2)}\mu_{21}^{(2)}$$
$$-(\mu_{11}^{(1)})^2\mu_{02}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{02}^{(2)}\mu_{30}^{(2)} - 2(\mu_{11}^{(1)})^2(\mu_{02}^{(1)})^2\mu_{20}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)}\mu_{21}^{(2)}$$
$$-4(\mu_{11}^{(1)})^2(\mu_{02}^{(1)})^2(\mu_{11}^{(2)})^2\mu_{30}^{(2)}\mu_{21}^{(2)} - 4(\mu_{11}^{(1)})^2(\mu_{02}^{(1)})^2\mu_{11}^{(2)}\mu_{02}^{(2)}(\mu_{30}^{(2)})^2$$
$$+\mu_{11}^{(1)}\mu_{02}^{(1)}(\mu_{30}^{(1)})^2\mu_{20}^{(2)}(\mu_{02}^{(2)})^3 - 4\mu_{11}^{(1)}\mu_{02}^{(1)}(\mu_{30}^{(1)})^2(\mu_{11}^{(2)})^2(\mu_{02}^{(2)})^2$$
$$+6\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}(\mu_{02}^{(2)})^2 + 8\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{21}^{(1)}(\mu_{11}^{(2)})^3\mu_{02}^{(2)}$$
$$-2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(1)}(\mu_{20}^{(2)})^2(\mu_{02}^{(2)})^2 - 8\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}(\mu_{11}^{(2)})^2\mu_{02}^{(2)}$$
$$+2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2\mu_{11}^{(2)}\mu_{02}^{(2)} - 3\mu_{11}^{(1)}\mu_{02}^{(1)}(\mu_{21}^{(1)})^2(\mu_{20}^{(2)})^2(\mu_{02}^{(2)})^2$$
$$-12\mu_{11}^{(1)}\mu_{02}^{(1)}(\mu_{21}^{(1)})^2\mu_{20}^{(2)}(\mu_{11}^{(2)})^2\mu_{02}^{(2)} + 18\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(1)}(\mu_{20}^{(2)})^2\mu_{11}^{(2)}\mu_{02}^{(2)}$$
$$-2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^3\mu_{02}^{(2)} - 3\mu_{11}^{(1)}\mu_{02}^{(1)}(\mu_{12}^{(1)})^2(\mu_{20}^{(2)})^3\mu_{02}^{(2)}$$
$$-2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^3\mu_{11}^{(2)} + 2\mu_{11}^{(1)}(\mu_{02}^{(1)})^2\mu_{30}^{(1)}(\mu_{20}^{(2)})^2\mu_{02}^{(2)}\mu_{12}^{(2)}$$
$$-2\mu_{11}^{(1)}(\mu_{02}^{(1)})^2\mu_{30}^{(1)}\mu_{20}^{(2)}(\mu_{11}^{(2)})^2\mu_{12}^{(2)} - 4\mu_{11}^{(1)}(\mu_{02}^{(1)})^2\mu_{30}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{21}^{(2)}$$
$$-2\mu_{11}^{(1)}(\mu_{02}^{(1)})^2\mu_{30}^{(1)}\mu_{20}^{(2)}(\mu_{02}^{(2)})^2\mu_{30}^{(2)} + 4\mu_{11}^{(1)}(\mu_{02}^{(1)})^2\mu_{30}^{(1)}(\mu_{11}^{(2)})^3\mu_{21}^{(2)}$$
$$+2\mu_{11}^{(1)}(\mu_{02}^{(1)})^2\mu_{30}^{(1)}(\mu_{11}^{(2)})^2\mu_{02}^{(2)}\mu_{30}^{(2)} + 6\mu_{11}^{(1)}(\mu_{02}^{(1)})^2\mu_{21}^{(1)}(\mu_{20}^{(2)})^2\mu_{02}^{(2)}\mu_{21}^{(2)}$$
$$-6\mu_{11}^{(1)}(\mu_{02}^{(1)})^2\mu_{21}^{(1)}\mu_{20}^{(2)}(\mu_{11}^{(2)})^2\mu_{21}^{(2)} - 4\mu_{11}^{(1)}(\mu_{02}^{(1)})^2\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)}$$
$$+4\mu_{11}^{(1)}(\mu_{02}^{(1)})^2\mu_{21}^{(1)}(\mu_{11}^{(2)})^3\mu_{30}^{(2)} + 2\mu_{11}^{(1)}(\mu_{02}^{(1)})^2\mu_{12}^{(1)}(\mu_{20}^{(2)})^2\mu_{02}^{(2)}\mu_{30}^{(2)}$$
$$-2\mu_{11}^{(1)}(\mu_{02}^{(1)})^2\mu_{12}^{(1)}\mu_{20}^{(2)}(\mu_{11}^{(2)})^2\mu_{30}^{(2)} - 2\mu_{11}^{(1)}(\mu_{02}^{(1)})^3(\mu_{20}^{(2)})^2\mu_{30}^{(2)}\mu_{12}^{(2)}$$
$$+\mu_{11}^{(1)}\mu_{02}^{(1)}(\mu_{03}^{(1)})^2(\mu_{20}^{(2)})^4 - 3\mu_{11}^{(1)}(\mu_{02}^{(1)})^3(\mu_{20}^{(2)})^2(\mu_{21}^{(2)})^2$$
$$+2\mu_{11}^{(1)}(\mu_{02}^{(1)})^3\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{30}^{(2)}\mu_{21}^{(2)} + \mu_{11}^{(1)}(\mu_{02}^{(1)})^3\mu_{20}^{(2)}\mu_{02}^{(2)}(\mu_{30}^{(2)})^2$$
$$+2\mu_{11}^{(1)}(\mu_{02}^{(1)})^3(\mu_{11}^{(2)})^2(\mu_{30}^{(2)})^2 - (\mu_{02}^{(1)})^2(\mu_{30}^{(1)})^2\mu_{20}^{(2)}\mu_{11}^{(2)}(\mu_{02}^{(2)})^2 + 2(\mu_{02}^{(1)})^2(\mu_{30}^{(1)})^2(\mu_{11}^{(2)})^3\mu_{02}^{(2)}$$
$$+(\mu_{02}^{(1)})^2\mu_{30}^{(1)}\mu_{21}^{(1)}(\mu_{20}^{(2)})^2(\mu_{02}^{(2)})^2 - 2(\mu_{02}^{(1)})^2\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}(\mu_{11}^{(2)})^2\mu_{02}^{(2)}$$
$$-4(\mu_{02}^{(1)})^2\mu_{30}^{(1)}\mu_{21}^{(1)}(\mu_{11}^{(2)})^4 + 4(\mu_{02}^{(1)})^2\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}(\mu_{11}^{(2)})^3$$
$$-(\mu_{02}^{(1)})^2\mu_{30}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^2(\mu_{11}^{(2)})^2 + 6(\mu_{02}^{(1)})^2(\mu_{21}^{(1)})^2\mu_{20}^{(2)}(\mu_{11}^{(2)})^3$$
$$-9(\mu_{02}^{(1)})^2\mu_{21}^{(1)}\mu_{12}^{(1)}(\mu_{20}^{(2)})^2(\mu_{11}^{(2)})^2 + 2(\mu_{02}^{(1)})^2\mu_{21}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^3\mu_{11}^{(2)}$$
$$+3(\mu_{02}^{(1)})^2(\mu_{12}^{(1)})^2(\mu_{20}^{(2)})^3\mu_{11}^{(2)} - (\mu_{02}^{(1)})^2\mu_{12}^{(1)}\mu_{03}^{(1)}(\mu_{20}^{(2)})^4 - (\mu_{02}^{(1)})^3\mu_{30}^{(1)}(\mu_{20}^{(2)})^2\mu_{02}^{(2)}\mu_{21}^{(2)}$$
$$+(\mu_{02}^{(1)})^3\mu_{30}^{(1)}\mu_{20}^{(2)}(\mu_{11}^{(2)})^2\mu_{21}^{(2)} + 2(\mu_{02}^{(1)})^3\mu_{30}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}\mu_{02}^{(2)}\mu_{30}^{(2)}$$
$$-2(\mu_{02}^{(1)})^3\mu_{30}^{(1)}(\mu_{11}^{(2)})^3\mu_{30}^{(2)} - (\mu_{02}^{(1)})^3\mu_{21}^{(1)}(\mu_{20}^{(2)})^2\mu_{02}^{(2)}\mu_{30}^{(2)}$$
$$+(\mu_{02}^{(1)})^3\mu_{21}^{(1)}\mu_{20}^{(2)}(\mu_{11}^{(2)})^2\mu_{30}^{(2)} + (\mu_{02}^{(1)})^4(\mu_{20}^{(2)})^2\mu_{30}^{(2)}\mu_{21}^{(2)} - (\mu_{02}^{(1)})^4\mu_{20}^{(2)}\mu_{11}^{(2)}(\mu_{30}^{(2)})^2$$

weight=9

structure: 6,2

Generating graph:

1	1	1	2	3	4	5	5	6		1	3	5	6
2	3	4	5	6	7	7	8	8		2	4	7	8

Invariants of the order 4

$$
\begin{aligned}
V_9 \;=\; & -\mu^{(1)}_{20}\mu^{(1)}_{31}(\mu^{(2)}_{02})^2 + 3\mu^{(1)}_{20}\mu^{(1)}_{22}\mu^{(2)}_{11}\mu^{(2)}_{02} - (\mu^{(1)}_{20})^2\mu^{(2)}_{11}\mu^{(2)}_{04} + (\mu^{(1)}_{20})^2\mu^{(2)}_{02}\mu^{(2)}_{13} \\
& -\mu^{(1)}_{20}\mu^{(1)}_{13}\mu^{(2)}_{20}\mu^{(2)}_{02} + \mu^{(1)}_{20}\mu^{(1)}_{11}\mu^{(2)}_{20}\mu^{(2)}_{04} - 2\mu^{(1)}_{20}\mu^{(1)}_{13}(\mu^{(2)}_{11})^2 \\
& +2\mu^{(1)}_{20}\mu^{(1)}_{11}\mu^{(2)}_{11}\mu^{(2)}_{13} - 3\mu^{(1)}_{20}\mu^{(1)}_{11}\mu^{(2)}_{02}\mu^{(2)}_{22} + \mu^{(1)}_{20}\mu^{(1)}_{04}\mu^{(2)}_{20}\mu^{(2)}_{11} \\
& -\mu^{(1)}_{20}\mu^{(1)}_{02}\mu^{(2)}_{20}\mu^{(2)}_{13} + \mu^{(1)}_{20}\mu^{(1)}_{02}\mu^{(2)}_{02}\mu^{(2)}_{31} + \mu^{(1)}_{11}\mu^{(1)}_{40}(\mu^{(2)}_{02})^2 \\
& -2\mu^{(1)}_{11}\mu^{(1)}_{31}\mu^{(2)}_{11}\mu^{(2)}_{02} + 2\mu^{(1)}_{11}\mu^{(1)}_{13}\mu^{(2)}_{20}\mu^{(2)}_{11} - 2(\mu^{(1)}_{11})^2\mu^{(2)}_{20}\mu^{(2)}_{13} \\
& +2(\mu^{(1)}_{11})^2\mu^{(2)}_{02}\mu^{(2)}_{31} - \mu^{(1)}_{11}\mu^{(1)}_{04}(\mu^{(2)}_{20})^2 + 3\mu^{(1)}_{11}\mu^{(1)}_{02}\mu^{(2)}_{20}\mu^{(2)}_{22} \\
& -2\mu^{(1)}_{11}\mu^{(1)}_{02}\mu^{(2)}_{11}\mu^{(2)}_{31} - \mu^{(1)}_{11}\mu^{(1)}_{02}\mu^{(2)}_{02}\mu^{(2)}_{40} - \mu^{(1)}_{02}\mu^{(1)}_{40}\mu^{(2)}_{11}\mu^{(2)}_{02} \\
& +\mu^{(1)}_{02}\mu^{(1)}_{31}\mu^{(2)}_{20}\mu^{(2)}_{02} + 2\mu^{(1)}_{02}\mu^{(1)}_{31}(\mu^{(2)}_{11})^2 - 3\mu^{(1)}_{02}\mu^{(1)}_{22}\mu^{(2)}_{20}\mu^{(2)}_{11} \\
& +\mu^{(1)}_{02}\mu^{(1)}_{13}(\mu^{(2)}_{20})^2 - (\mu^{(1)}_{02})^2\mu^{(2)}_{20}\mu^{(2)}_{31} + (\mu^{(1)}_{02})^2\mu^{(2)}_{11}\mu^{(2)}_{40}
\end{aligned}
$$

weight=5
structure: 3,0,1
Generating graph:

$$
\begin{array}{ccccc@{\qquad}cc}
1 & 1 & 1 & 1 & 2 & 1 & 3 \\
2 & 3 & 3 & 4 & 4 & 2 & 4
\end{array}
$$
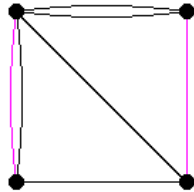
$$V_{10} = -\mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} + 2\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} + 2\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)}$$
$$-6\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} + 6\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} - 2\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)}$$
$$-2\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} + \mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} + 2\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)}$$
$$-2\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} - 6\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} + 6\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)}$$
$$+6\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} - 6\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} - 2\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)}$$
$$+2\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} + \mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} - 2\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)}$$
$$-2\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} + 6\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} - 6\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)}$$
$$+2\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} + 2\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} - \mu_{02}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)}$$

weight=6

structure: 2,0,2

Generating graph:

$$\begin{matrix} 1 & 1 & 1 & 1 & 2 & 2 & & 1 & 3 \\ 2 & 2 & 3 & 3 & 4 & 4 & & 2 & 4 \end{matrix}$$
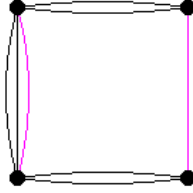
$$V_{11} = \mu_{40}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} - \mu_{40}^{(1)}\mu_{04}^{(1)}(\mu_{11}^{(2)})^2 - 4\mu_{31}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}$$
$$+4\mu_{31}^{(1)}\mu_{13}^{(1)}(\mu_{11}^{(2)})^2 - \mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} + \mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)}$$
$$+3\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} + 3(\mu_{22}^{(1)})^2\mu_{20}^{(2)}\mu_{02}^{(2)} - 3(\mu_{22}^{(1)})^2(\mu_{11}^{(2)})^2 - 3\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)}$$
$$-3\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} + 3\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} + \mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)}$$
$$+\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{40}^{(2)}\mu_{04}^{(2)} - 4\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{31}^{(2)}\mu_{13}^{(2)} + 3\mu_{20}^{(1)}\mu_{02}^{(1)}(\mu_{22}^{(2)})^2$$
$$-\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} + \mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} + \mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)}$$
$$-\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} - 4\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} - 3\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)}$$
$$+3\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} + 6\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} + 3\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)}$$
$$-(\mu_{11}^{(1)})^2\mu_{40}^{(2)}\mu_{04}^{(2)} + 4(\mu_{11}^{(1)})^2\mu_{31}^{(2)}\mu_{13}^{(2)} - 3\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} - 3(\mu_{11}^{(1)})^2(\mu_{22}^{(2)})^2$$
$$-4\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} - \mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} + \mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)}$$
$$+\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} - \mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} + \mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)}$$
$$+3\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} - 3\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} - 3\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)}$$
$$+3\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} + \mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} - \mu_{02}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)}$$

weight=6

structure: 2,0,2

Generating graph:

$$
\begin{array}{cccccc}
1 & 1 & 1 & 1 & 2 & 3 \\
2 & 2 & 2 & 3 & 4 & 4
\end{array}
\qquad
\begin{array}{cc}
1 & 2 \\
3 & 4
\end{array}
$$

$$
\begin{aligned}
V_{12} \;=\;& \mu_{40}^{(1)}\mu_{22}^{(1)}(\mu_{02}^{(2)})^2 - 2\mu_{40}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} + \mu_{40}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} - (\mu_{31}^{(1)})^2(\mu_{02}^{(2)})^2 \\
& + 2\mu_{31}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} - 2\mu_{31}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} + 4\mu_{31}^{(1)}\mu_{13}^{(1)}(\mu_{11}^{(2)})^2 \\
& - 2\mu_{31}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} - \mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} + 2\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} \\
& + 2\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} + (\mu_{22}^{(1)})^2\mu_{20}^{(2)}\mu_{02}^{(2)} - \mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} \\
& + (\mu_{20}^{(1)})^2\mu_{22}^{(2)}\mu_{04}^{(2)} - 4(\mu_{22}^{(1)})^2(\mu_{11}^{(2)})^2 - 4\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} - (\mu_{20}^{(1)})^2(\mu_{13}^{(2)})^2 \\
& - \mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} - 2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{31}^{(2)}\mu_{04}^{(2)} + 2\mu_{22}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} \\
& + 2\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} + 2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{22}^{(2)}\mu_{13}^{(2)} + 2\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} \\
& + \mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{40}^{(2)}\mu_{04}^{(2)} - 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{31}^{(2)}\mu_{13}^{(2)} + \mu_{22}^{(1)}\mu_{04}^{(1)}(\mu_{20}^{(2)})^2 \\
& - \mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} + \mu_{20}^{(1)}\mu_{02}^{(1)}(\mu_{22}^{(2)})^2 + 2\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} \\
& - 4\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} - 4\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} + 2\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} \\
& + 8\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} + 2\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} + 4(\mu_{11}^{(1)})^2\mu_{31}^{(2)}\mu_{13}^{(2)} - (\mu_{13}^{(1)})^2(\mu_{20}^{(2)})^2 \\
& - 4\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} - 4(\mu_{11}^{(1)})^2(\mu_{22}^{(2)})^2 - 4\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} \\
& - 2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{40}^{(2)}\mu_{13}^{(2)} + 2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{31}^{(2)}\mu_{22}^{(2)} + 2\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} \\
& - \mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} + 2\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} + 2\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} \\
& - \mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} - 4\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} - \mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} \\
& + 2\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} + 2\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} + (\mu_{02}^{(1)})^2\mu_{40}^{(2)}\mu_{22}^{(2)} - (\mu_{02}^{(1)})^2(\mu_{31}^{(2)})^2 \\
& - \mu_{02}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)}
\end{aligned}
$$

weight=6

structure: 2,0,2

Generating graph:

$$
\begin{array}{cccccc}
1 & 1 & 1 & 1 & 2 & 2 \\
2 & 2 & 3 & 3 & 4 & 4
\end{array}
\qquad
\begin{array}{cc}
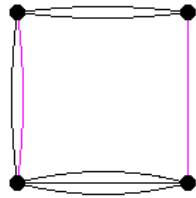1 & 2 \\
3 & 4
\end{array}
$$

$$
\begin{aligned}
V_{13} \;=\; & -\mu^{(1)}_{30}\mu^{(1)}_{31}\mu^{(2)}_{02}\mu^{(2)}_{03} + 3\mu^{(1)}_{30}\mu^{(1)}_{22}\mu^{(2)}_{02}\mu^{(2)}_{12} + \mu^{(1)}_{30}\mu^{(1)}_{13}\mu^{(2)}_{20}\mu^{(2)}_{03} \\
& -2\mu^{(1)}_{30}\mu^{(1)}_{13}\mu^{(2)}_{11}\mu^{(2)}_{12} - 2\mu^{(1)}_{30}\mu^{(1)}_{13}\mu^{(2)}_{02}\mu^{(2)}_{21} - \mu^{(1)}_{30}\mu^{(1)}_{04}\mu^{(2)}_{20}\mu^{(2)}_{12} \\
& +2\mu^{(1)}_{30}\mu^{(1)}_{04}\mu^{(2)}_{11}\mu^{(2)}_{21} + \mu^{(1)}_{21}\mu^{(1)}_{40}\mu^{(2)}_{02}\mu^{(2)}_{03} + 2\mu^{(1)}_{21}\mu^{(1)}_{31}\mu^{(2)}_{11}\mu^{(2)}_{03} \\
& +\mu^{(1)}_{20}\mu^{(1)}_{30}\mu^{(2)}_{12}\mu^{(2)}_{04} - 3\mu^{(1)}_{21}\mu^{(1)}_{31}\mu^{(2)}_{02}\mu^{(2)}_{12} - \mu^{(1)}_{20}\mu^{(1)}_{30}\mu^{(2)}_{03}\mu^{(2)}_{13} \\
& -3\mu^{(1)}_{21}\mu^{(1)}_{22}\mu^{(2)}_{20}\mu^{(2)}_{03} - 3\mu^{(1)}_{20}\mu^{(1)}_{21}\mu^{(2)}_{12}\mu^{(2)}_{13} + 3\mu^{(1)}_{20}\mu^{(1)}_{21}\mu^{(2)}_{03}\mu^{(2)}_{22} \\
& -\mu^{(1)}_{20}\mu^{(1)}_{12}\mu^{(2)}_{30}\mu^{(2)}_{04} + 3\mu^{(1)}_{21}\mu^{(1)}_{13}\mu^{(2)}_{20}\mu^{(2)}_{12} + 3\mu^{(1)}_{20}\mu^{(1)}_{12}\mu^{(2)}_{21}\mu^{(2)}_{13} \\
& +2\mu^{(1)}_{21}\mu^{(1)}_{13}\mu^{(2)}_{02}\mu^{(2)}_{30} - 2\mu^{(1)}_{20}\mu^{(1)}_{12}\mu^{(2)}_{03}\mu^{(2)}_{31} + \mu^{(1)}_{20}\mu^{(1)}_{03}\mu^{(2)}_{30}\mu^{(2)}_{13} \\
& -3\mu^{(1)}_{20}\mu^{(1)}_{03}\mu^{(2)}_{21}\mu^{(2)}_{22} - 2\mu^{(1)}_{21}\mu^{(1)}_{04}\mu^{(2)}_{11}\mu^{(2)}_{30} + 2\mu^{(1)}_{20}\mu^{(1)}_{03}\mu^{(2)}_{12}\mu^{(2)}_{31} \\
& -2\mu^{(1)}_{12}\mu^{(1)}_{40}\mu^{(2)}_{11}\mu^{(2)}_{03} + 2\mu^{(1)}_{12}\mu^{(1)}_{31}\mu^{(2)}_{20}\mu^{(2)}_{03} - 2\mu^{(1)}_{11}\mu^{(1)}_{30}\mu^{(2)}_{21}\mu^{(2)}_{04} \\
& +2\mu^{(1)}_{11}\mu^{(1)}_{30}\mu^{(2)}_{12}\mu^{(2)}_{13} + 3\mu^{(1)}_{12}\mu^{(1)}_{31}\mu^{(2)}_{02}\mu^{(2)}_{21} + 2\mu^{(1)}_{11}\mu^{(1)}_{21}\mu^{(2)}_{30}\mu^{(2)}_{04} \\
& -3\mu^{(1)}_{12}\mu^{(1)}_{22}\mu^{(2)}_{02}\mu^{(2)}_{30} - 2\mu^{(1)}_{11}\mu^{(1)}_{21}\mu^{(2)}_{03}\mu^{(2)}_{31} - 2\mu^{(1)}_{11}\mu^{(1)}_{12}\mu^{(2)}_{30}\mu^{(2)}_{13} \\
& -3\mu^{(1)}_{12}\mu^{(1)}_{13}\mu^{(2)}_{20}\mu^{(2)}_{21} + 2\mu^{(1)}_{12}\mu^{(1)}_{13}\mu^{(2)}_{11}\mu^{(2)}_{30} + 2\mu^{(1)}_{11}\mu^{(1)}_{12}\mu^{(2)}_{03}\mu^{(2)}_{40} \\
& +\mu^{(1)}_{12}\mu^{(1)}_{04}\mu^{(2)}_{20}\mu^{(2)}_{30} + 2\mu^{(1)}_{11}\mu^{(1)}_{03}\mu^{(2)}_{21}\mu^{(2)}_{31} - 2\mu^{(1)}_{11}\mu^{(1)}_{03}\mu^{(2)}_{12}\mu^{(2)}_{40} \\
& +2\mu^{(1)}_{03}\mu^{(1)}_{40}\mu^{(2)}_{11}\mu^{(2)}_{12} - \mu^{(1)}_{03}\mu^{(1)}_{40}\mu^{(2)}_{02}\mu^{(2)}_{21} - 2\mu^{(1)}_{03}\mu^{(1)}_{31}\mu^{(2)}_{20}\mu^{(2)}_{12} \\
& +2\mu^{(1)}_{02}\mu^{(1)}_{30}\mu^{(2)}_{21}\mu^{(2)}_{13} - 2\mu^{(1)}_{03}\mu^{(1)}_{31}\mu^{(2)}_{11}\mu^{(2)}_{21} - 3\mu^{(1)}_{02}\mu^{(1)}_{30}\mu^{(2)}_{12}\mu^{(2)}_{22} \\
& +\mu^{(1)}_{03}\mu^{(1)}_{31}\mu^{(2)}_{02}\mu^{(2)}_{30} + \mu^{(1)}_{02}\mu^{(1)}_{30}\mu^{(2)}_{03}\mu^{(2)}_{31} - 2\mu^{(1)}_{02}\mu^{(1)}_{21}\mu^{(2)}_{30}\mu^{(2)}_{13} \\
& +3\mu^{(1)}_{03}\mu^{(1)}_{22}\mu^{(2)}_{20}\mu^{(2)}_{21} + 3\mu^{(1)}_{02}\mu^{(1)}_{21}\mu^{(2)}_{12}\mu^{(2)}_{31} - \mu^{(1)}_{02}\mu^{(1)}_{21}\mu^{(2)}_{03}\mu^{(2)}_{40} \\
& +3\mu^{(1)}_{02}\mu^{(1)}_{12}\mu^{(2)}_{30}\mu^{(2)}_{22} - \mu^{(1)}_{03}\mu^{(1)}_{13}\mu^{(2)}_{20}\mu^{(2)}_{30} - 3\mu^{(1)}_{02}\mu^{(1)}_{12}\mu^{(2)}_{21}\mu^{(2)}_{31} \\
& -\mu^{(1)}_{02}\mu^{(1)}_{03}\mu^{(2)}_{30}\mu^{(2)}_{31} + \mu^{(1)}_{02}\mu^{(1)}_{03}\mu^{(2)}_{21}\mu^{(2)}_{40}
\end{aligned}
$$

weight=6

structure: 1,2,1

Generating graph:

$$
\begin{array}{cccccc@{\qquad}cc}
1 & 1 & 1 & 1 & 2 & 2 & 1 & 2 \\
2 & 3 & 3 & 3 & 4 & 4 & 4 & 3
\end{array}
$$
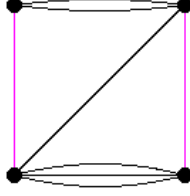
$$
\begin{aligned}
V_{14} \;=\; & -(\mu_{30}^{(1)})^2\mu_{02}^{(2)}\mu_{04}^{(2)} + 2\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} + 4\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} \\
& -\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} - \mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} + 2\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
& -2\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} - \mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} - 3\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} \\
& +\mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} + \mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} - 2\mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} \\
& +\mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} + \mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} - \mu_{20}^{(1)}\mu_{40}^{(1)}(\mu_{03}^{(2)})^2 \\
& +4\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{12}^{(2)}\mu_{03}^{(2)} + 3\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} - 3\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} \\
& -6\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} - 6(\mu_{21}^{(1)})^2\mu_{11}^{(2)}\mu_{13}^{(2)} - 3\mu_{20}^{(1)}\mu_{22}^{(1)}(\mu_{12}^{(2)})^2 \\
& +3\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} - 3(\mu_{21}^{(1)})^2\mu_{02}^{(2)}\mu_{22}^{(2)} + \mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} - 3\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} + 3\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} \\
& +3\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} - 3\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} + 6\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} \\
& +12\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} + 3\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} - 3\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& +3\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} - \mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} - \mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} - 3\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} + 3\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} \\
& -2\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} - 3\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} - \mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} + 2\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{03}^{(2)} - 3\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} + 6\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} - 6\mu_{11}^{(1)}\mu_{31}^{(1)}(\mu_{12}^{(2)})^2 \\
& -3\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} - 2\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} + 3\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} \\
& +12\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} + 6\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} - 6\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} \\
& -6\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} + 3\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} + 2\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} + 2\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} - 3(\mu_{12}^{(1)})^2\mu_{20}^{(2)}\mu_{22}^{(2)} \\
& -6\mu_{11}^{(1)}\mu_{13}^{(1)}(\mu_{21}^{(2)})^2 - 6\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} - 6(\mu_{12}^{(1)})^2\mu_{11}^{(2)}\mu_{31}^{(2)} \\
& +6\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} - 2\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} + 2\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)} \\
& +4\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} + 2\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} + \mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} \\
& -\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} - 2\mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} + \mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& +\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} + \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} - \mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} \\
& +3\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} - 3\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} + 2\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} \\
& +3\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} - \mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} - \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} \\
& -3\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} - \mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} - 3\mu_{02}^{(1)}\mu_{22}^{(1)}(\mu_{21}^{(2)})^2 \\
& +3\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} - 3\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} + \mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} \\
& +4\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)} - \mu_{02}^{(1)}\mu_{04}^{(1)}(\mu_{30}^{(2)})^2 - (\mu_{03}^{(1)})^2\mu_{20}^{(2)}\mu_{40}^{(2)}
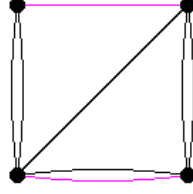\end{aligned}
$$

weight=6

structure: 1,2,1
Generating graph:

$$
\begin{array}{cccccc@{\qquad}cc}
1 & 1 & 1 & 1 & 2 & 2 & 1 & 3 \\
2 & 3 & 3 & 3 & 4 & 4 & 2 & 4
\end{array}
$$

$$
\begin{aligned}
V_{15} =\ & \mu^{(1)}_{30}\mu^{(1)}_{31}\mu^{(2)}_{02}\mu^{(2)}_{03} - 2\mu^{(1)}_{30}\mu^{(1)}_{22}\mu^{(2)}_{11}\mu^{(2)}_{03} - \mu^{(1)}_{30}\mu^{(1)}_{22}\mu^{(2)}_{02}\mu^{(2)}_{12} \\
& +\mu^{(1)}_{30}\mu^{(1)}_{13}\mu^{(2)}_{20}\mu^{(2)}_{03} + 2\mu^{(1)}_{30}\mu^{(1)}_{12}\mu^{(2)}_{20}\mu^{(2)}_{04} + 2\mu^{(1)}_{30}\mu^{(1)}_{13}\mu^{(2)}_{11}\mu^{(2)}_{12} \\
& -4\mu^{(1)}_{30}\mu^{(1)}_{12}\mu^{(2)}_{11}\mu^{(2)}_{13} + 2\mu^{(1)}_{30}\mu^{(1)}_{12}\mu^{(2)}_{02}\mu^{(2)}_{22} - \mu^{(1)}_{30}\mu^{(1)}_{04}\mu^{(2)}_{20}\mu^{(2)}_{12} \\
& -2\mu^{(1)}_{30}\mu^{(1)}_{03}\mu^{(2)}_{20}\mu^{(2)}_{13} + 4\mu^{(1)}_{30}\mu^{(1)}_{03}\mu^{(2)}_{11}\mu^{(2)}_{22} - 2\mu^{(1)}_{30}\mu^{(1)}_{03}\mu^{(2)}_{02}\mu^{(2)}_{31} \\
& -\mu^{(1)}_{21}\mu^{(1)}_{40}\mu^{(2)}_{02}\mu^{(2)}_{03} + 2\mu^{(1)}_{21}\mu^{(1)}_{31}\mu^{(2)}_{11}\mu^{(2)}_{03} - \mu^{(1)}_{20}\mu^{(1)}_{30}\mu^{(2)}_{12}\mu^{(2)}_{04} \\
& -\mu^{(1)}_{21}\mu^{(1)}_{31}\mu^{(2)}_{02}\mu^{(2)}_{12} + \mu^{(1)}_{20}\mu^{(1)}_{30}\mu^{(2)}_{03}\mu^{(2)}_{13} - \mu^{(1)}_{21}\mu^{(1)}_{22}\mu^{(2)}_{20}\mu^{(2)}_{03} \\
& -2(\mu^{(1)}_{21})^2\mu^{(2)}_{20}\mu^{(2)}_{04} + 2\mu^{(1)}_{20}\mu^{(1)}_{22}\mu^{(2)}_{21}\mu^{(2)}_{03} + 2\mu^{(1)}_{20}\mu^{(1)}_{21}\mu^{(2)}_{21}\mu^{(2)}_{04} \\
& +2\mu^{(1)}_{21}\mu^{(1)}_{22}\mu^{(2)}_{11}\mu^{(2)}_{12} + 4(\mu^{(1)}_{21})^2\mu^{(2)}_{11}\mu^{(2)}_{13} - 2\mu^{(1)}_{20}\mu^{(1)}_{22}(\mu^{(2)}_{12})^2 \\
& -\mu^{(1)}_{20}\mu^{(1)}_{21}\mu^{(2)}_{12}\mu^{(2)}_{13} + 2\mu^{(1)}_{21}\mu^{(1)}_{22}\mu^{(2)}_{02}\mu^{(2)}_{21} - 2(\mu^{(1)}_{21})^2\mu^{(2)}_{02}\mu^{(2)}_{22} \\
& -\mu^{(1)}_{20}\mu^{(1)}_{21}\mu^{(2)}_{03}\mu^{(2)}_{22} - 2\mu^{(1)}_{20}\mu^{(1)}_{13}\mu^{(2)}_{30}\mu^{(2)}_{03} - \mu^{(1)}_{20}\mu^{(1)}_{12}\mu^{(2)}_{30}\mu^{(2)}_{04} \\
& -\mu^{(1)}_{21}\mu^{(1)}_{13}\mu^{(2)}_{20}\mu^{(2)}_{12} + 2\mu^{(1)}_{21}\mu^{(1)}_{12}\mu^{(2)}_{20}\mu^{(2)}_{13} + 2\mu^{(1)}_{20}\mu^{(1)}_{13}\mu^{(2)}_{21}\mu^{(2)}_{12} \\
& -\mu^{(1)}_{20}\mu^{(1)}_{12}\mu^{(2)}_{21}\mu^{(2)}_{13} - 4\mu^{(1)}_{21}\mu^{(1)}_{13}\mu^{(2)}_{11}\mu^{(2)}_{21} - 4\mu^{(1)}_{21}\mu^{(1)}_{12}\mu^{(2)}_{11}\mu^{(2)}_{22} \\
& +2\mu^{(1)}_{20}\mu^{(1)}_{12}\mu^{(2)}_{12}\mu^{(2)}_{22} + 2\mu^{(1)}_{21}\mu^{(1)}_{12}\mu^{(2)}_{02}\mu^{(2)}_{31} + 2\mu^{(1)}_{20}\mu^{(1)}_{04}\mu^{(2)}_{30}\mu^{(2)}_{12} \\
& +\mu^{(1)}_{20}\mu^{(1)}_{03}\mu^{(2)}_{30}\mu^{(2)}_{13} + 2\mu^{(1)}_{21}\mu^{(1)}_{04}\mu^{(2)}_{20}\mu^{(2)}_{21} + 2\mu^{(1)}_{21}\mu^{(1)}_{03}\mu^{(2)}_{20}\mu^{(2)}_{22} \\
& -2\mu^{(1)}_{20}\mu^{(1)}_{04}(\mu^{(2)}_{21})^2 - \mu^{(1)}_{20}\mu^{(1)}_{03}\mu^{(2)}_{21}\mu^{(2)}_{22} - 4\mu^{(1)}_{21}\mu^{(1)}_{03}\mu^{(2)}_{11}\mu^{(2)}_{31} \\
& +2\mu^{(1)}_{21}\mu^{(1)}_{03}\mu^{(2)}_{02}\mu^{(2)}_{40} + 2\mu^{(1)}_{12}\mu^{(1)}_{40}\mu^{(2)}_{02}\mu^{(2)}_{12} - 4\mu^{(1)}_{11}\mu^{(1)}_{31}\mu^{(2)}_{21}\mu^{(2)}_{03} \\
& -4\mu^{(1)}_{12}\mu^{(1)}_{31}\mu^{(2)}_{11}\mu^{(2)}_{12} + 4\mu^{(1)}_{11}\mu^{(1)}_{31}(\mu^{(2)}_{12})^2 + 2\mu^{(1)}_{11}\mu^{(1)}_{30}\mu^{(2)}_{12}\mu^{(2)}_{13} \\
& -\mu^{(1)}_{12}\mu^{(1)}_{31}\mu^{(2)}_{02}\mu^{(2)}_{21} - 2\mu^{(1)}_{11}\mu^{(1)}_{30}\mu^{(2)}_{03}\mu^{(2)}_{22} + 4\mu^{(1)}_{11}\mu^{(1)}_{22}\mu^{(2)}_{30}\mu^{(2)}_{03} \\
& +2\mu^{(1)}_{12}\mu^{(1)}_{22}\mu^{(2)}_{20}\mu^{(2)}_{12} - 4\mu^{(1)}_{11}\mu^{(1)}_{22}\mu^{(2)}_{21}\mu^{(2)}_{12} - 4\mu^{(1)}_{11}\mu^{(1)}_{21}\mu^{(2)}_{21}\mu^{(2)}_{13} \\
& +2\mu^{(1)}_{12}\mu^{(1)}_{22}\mu^{(2)}_{11}\mu^{(2)}_{21} + 2\mu^{(1)}_{11}\mu^{(1)}_{21}\mu^{(2)}_{12}\mu^{(2)}_{22} - \mu^{(1)}_{12}\mu^{(1)}_{22}\mu^{(2)}_{02}\mu^{(2)}_{30} \\
& +2\mu^{(1)}_{11}\mu^{(1)}_{21}\mu^{(2)}_{03}\mu^{(2)}_{31} - 4\mu^{(1)}_{11}\mu^{(1)}_{13}\mu^{(2)}_{30}\mu^{(2)}_{12} + 2\mu^{(1)}_{11}\mu^{(1)}_{12}\mu^{(2)}_{30}\mu^{(2)}_{13} \\
& -\mu^{(1)}_{12}\mu^{(1)}_{13}\mu^{(2)}_{20}\mu^{(2)}_{21} - 2(\mu^{(1)}_{12})^2\mu^{(2)}_{20}\mu^{(2)}_{22} + 4\mu^{(1)}_{11}\mu^{(1)}_{13}(\mu^{(2)}_{21})^2 \\
& +2\mu^{(1)}_{11}\mu^{(1)}_{12}\mu^{(2)}_{21}\mu^{(2)}_{22} + 2\mu^{(1)}_{12}\mu^{(1)}_{13}\mu^{(2)}_{11}\mu^{(2)}_{30} + 4(\mu^{(1)}_{12})^2\mu^{(2)}_{11}\mu^{(2)}_{31} \\
& -4\mu^{(1)}_{11}\mu^{(1)}_{12}\mu^{(2)}_{12}\mu^{(2)}_{31} - 2(\mu^{(1)}_{12})^2\mu^{(2)}_{02}\mu^{(2)}_{40} - 2\mu^{(1)}_{11}\mu^{(1)}_{03}\mu^{(2)}_{30}\mu^{(2)}_{22} \\
& -\mu^{(1)}_{12}\mu^{(1)}_{04}\mu^{(2)}_{20}\mu^{(2)}_{30} + 2\mu^{(1)}_{11}\mu^{(1)}_{03}\mu^{(2)}_{21}\mu^{(2)}_{31} + 2\mu^{(1)}_{02}\mu^{(1)}_{40}\mu^{(2)}_{21}\mu^{(2)}_{03} \\
& -2\mu^{(1)}_{02}\mu^{(1)}_{40}(\mu^{(2)}_{12})^2 - \mu^{(1)}_{03}\mu^{(1)}_{40}\mu^{(2)}_{02}\mu^{(2)}_{21} - 2\mu^{(1)}_{02}\mu^{(1)}_{31}\mu^{(2)}_{30}\mu^{(2)}_{03} \\
& +2\mu^{(1)}_{02}\mu^{(1)}_{31}\mu^{(2)}_{21}\mu^{(2)}_{12} + 2\mu^{(1)}_{03}\mu^{(1)}_{31}\mu^{(2)}_{11}\mu^{(2)}_{21} - \mu^{(1)}_{02}\mu^{(1)}_{30}\mu^{(2)}_{12}\mu^{(2)}_{22} \\
& +\mu^{(1)}_{03}\mu^{(1)}_{31}\mu^{(2)}_{02}\mu^{(2)}_{30} + \mu^{(1)}_{02}\mu^{(1)}_{30}\mu^{(2)}_{03}\mu^{(2)}_{31} + 2\mu^{(1)}_{02}\mu^{(1)}_{22}\mu^{(2)}_{30}\mu^{(2)}_{12} \\
& -\mu^{(1)}_{03}\mu^{(1)}_{22}\mu^{(2)}_{20}\mu^{(2)}_{21} - 2\mu^{(1)}_{02}\mu^{(1)}_{22}(\mu^{(2)}_{21})^2 + 2\mu^{(1)}_{02}\mu^{(1)}_{21}\mu^{(2)}_{21}\mu^{(2)}_{22} \\
& -2\mu^{(1)}_{03}\mu^{(1)}_{22}\mu^{(2)}_{11}\mu^{(2)}_{30} - \mu^{(1)}_{02}\mu^{(1)}_{21}\mu^{(2)}_{12}\mu^{(2)}_{31} - \mu^{(1)}_{02}\mu^{(1)}_{21}\mu^{(2)}_{03}\mu^{(2)}_{40} \\
& -\mu^{(1)}_{02}\mu^{(1)}_{12}\mu^{(2)}_{30}\mu^{(2)}_{22} + \mu^{(1)}_{03}\mu^{(1)}_{13}\mu^{(2)}_{20}\mu^{(2)}_{30} - \mu^{(1)}_{02}\mu^{(1)}_{12}\mu^{(2)}_{21}\mu^{(2)}_{31} \\
& +2\mu^{(1)}_{02}\mu^{(1)}_{12}\mu^{(2)}_{12}\mu^{(2)}_{40} + \mu^{(1)}_{02}\mu^{(1)}_{03}\mu^{(2)}_{30}\mu^{(2)}_{31} - \mu^{(1)}_{02}\mu^{(1)}_{03}\mu^{(2)}_{21}\mu^{(2)}_{40}
\end{aligned}
$$

weight=6

structure: 1,2,1

Generating graph:

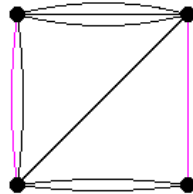| 1	1	1	1	2	2		1	3
2	3	3	4	4	4		2	4

$$
\begin{aligned}
V_{16} \;=\; & -2\mu_{40}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} + 2\mu_{40}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} + \mu_{40}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} \\
& +2\mu_{40}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} - 3\mu_{40}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} - \mu_{40}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} \\
& +\mu_{40}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} + 2(\mu_{31}^{(1)})^2\mu_{11}^{(2)}\mu_{04}^{(2)} - 2(\mu_{31}^{(1)})^2\mu_{02}^{(2)}\mu_{13}^{(2)} \\
& -\mu_{31}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} - 2\mu_{31}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} + 3\mu_{31}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} \\
& -2\mu_{31}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} + 2\mu_{31}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} + 3\mu_{31}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} \\
& -2\mu_{31}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} - \mu_{31}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} - 2\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{22}^{(2)}\mu_{04}^{(2)} \\
& +2\mu_{20}^{(1)}\mu_{31}^{(1)}(\mu_{13}^{(2)})^2 + 3\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{31}^{(2)}\mu_{04}^{(2)} + 3(\mu_{22}^{(1)})^2\mu_{20}^{(2)}\mu_{13}^{(2)} \\
& -3\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{22}^{(2)}\mu_{13}^{(2)} - 3(\mu_{22}^{(1)})^2\mu_{02}^{(2)}\mu_{31}^{(2)} - \mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{40}^{(2)}\mu_{04}^{(2)} \\
& -2\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{31}^{(2)}\mu_{13}^{(2)} - 3\mu_{22}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} + 3\mu_{20}^{(1)}\mu_{13}^{(1)}(\mu_{22}^{(2)})^2 \\
& +2\mu_{22}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} + \mu_{22}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} + \mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{40}^{(2)}\mu_{13}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{31}^{(2)}\mu_{22}^{(2)} - 2\mu_{22}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} + 2\mu_{22}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{22}^{(2)}\mu_{04}^{(2)} - 2\mu_{11}^{(1)}\mu_{40}^{(1)}(\mu_{13}^{(2)})^2 - 2\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{31}^{(2)}\mu_{04}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{22}^{(2)}\mu_{13}^{(2)} + 2\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{40}^{(2)}\mu_{13}^{(2)} - 2\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{31}^{(2)}\mu_{22}^{(2)} \\
& +2(\mu_{13}^{(1)})^2\mu_{20}^{(2)}\mu_{31}^{(2)} - 2(\mu_{13}^{(1)})^2\mu_{11}^{(2)}\mu_{40}^{(2)} - 2\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{40}^{(2)}\mu_{22}^{(2)} + 2\mu_{11}^{(1)}\mu_{04}^{(1)}(\mu_{31}^{(2)})^2 \\
& -\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{31}^{(2)}\mu_{04}^{(2)} + \mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{22}^{(2)}\mu_{13}^{(2)} + \mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{40}^{(2)}\mu_{04}^{(2)} \\
& +2\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{31}^{(2)}\mu_{13}^{(2)} - 3\mu_{02}^{(1)}\mu_{31}^{(1)}(\mu_{22}^{(2)})^2 - 3\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{40}^{(2)}\mu_{13}^{(2)} \\
& +3\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{31}^{(2)}\mu_{22}^{(2)} + 2\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{40}^{(2)}\mu_{22}^{(2)} - 2\mu_{02}^{(1)}\mu_{13}^{(1)}(\mu_{31}^{(2)})^2
\end{aligned}
$$

weight=7

structure: 1,0,3

Generating graph:

$$
\begin{array}{ccccccc c cc}
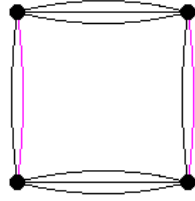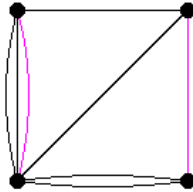1 & 1 & 1 & 1 & 2 & 2 & 2 & & 1 & 3 \\
2 & 3 & 3 & 3 & 3 & 4 & 4 & & 2 & 4
\end{array}
$$

$$V_{17} = -(\mu_{40}^{(1)})^2(\mu_{04}^{(2)})^2 + 8\mu_{40}^{(1)}\mu_{31}^{(1)}\mu_{13}^{(2)}\mu_{04}^{(2)} - 12\mu_{40}^{(1)}\mu_{22}^{(1)}(\mu_{13}^{(2)})^2 - 4\mu_{40}^{(1)}\mu_{13}^{(1)}\mu_{31}^{(2)}\mu_{04}^{(2)}$$
$$+12\mu_{40}^{(1)}\mu_{13}^{(1)}\mu_{22}^{(2)}\mu_{13}^{(2)} + 2\mu_{40}^{(1)}\mu_{04}^{(1)}\mu_{40}^{(2)}\mu_{04}^{(2)} - 4\mu_{40}^{(1)}\mu_{04}^{(1)}\mu_{31}^{(2)}\mu_{13}^{(2)}$$
$$-12(\mu_{31}^{(1)})^2\mu_{22}^{(2)}\mu_{04}^{(2)} - 4(\mu_{31}^{(1)})^2(\mu_{13}^{(2)})^2 + 12\mu_{31}^{(1)}\mu_{22}^{(1)}\mu_{31}^{(2)}\mu_{04}^{(2)} + 36\mu_{31}^{(1)}\mu_{22}^{(1)}\mu_{22}^{(2)}\mu_{13}^{(2)}$$
$$-4\mu_{31}^{(1)}\mu_{13}^{(1)}\mu_{40}^{(2)}\mu_{04}^{(2)} + 8\mu_{31}^{(1)}\mu_{13}^{(1)}\mu_{31}^{(2)}\mu_{13}^{(2)} - 36\mu_{31}^{(1)}\mu_{13}^{(1)}(\mu_{22}^{(2)})^2$$
$$-4\mu_{31}^{(1)}\mu_{04}^{(1)}\mu_{40}^{(2)}\mu_{13}^{(2)} + 12\mu_{31}^{(1)}\mu_{04}^{(1)}\mu_{31}^{(2)}\mu_{22}^{(2)} - 36(\mu_{22}^{(2)})^2\mu_{31}^{(2)}\mu_{13}^{(2)}$$
$$+12\mu_{22}^{(1)}\mu_{13}^{(1)}\mu_{40}^{(2)}\mu_{13}^{(2)} + 36\mu_{22}^{(1)}\mu_{13}^{(1)}\mu_{31}^{(2)}\mu_{22}^{(2)} - 12\mu_{22}^{(1)}\mu_{04}^{(1)}(\mu_{31}^{(2)})^2$$
$$-12(\mu_{13}^{(1)})^2\mu_{40}^{(2)}\mu_{22}^{(2)} - 4(\mu_{13}^{(1)})^2(\mu_{31}^{(2)})^2 + 8\mu_{13}^{(1)}\mu_{04}^{(1)}\mu_{40}^{(2)}\mu_{31}^{(2)} - (\mu_{04}^{(1)})^2(\mu_{40}^{(2)})^2$$

weight=8
structure: 0,0,4
Generating graph:

$$
\begin{array}{cccccccc}
1 & 1 & 1 & 1 & 2 & 2 & 2 & 3 \\
2 & 3 & 3 & 3 & 4 & 4 & 4 & 4
\end{array}
\qquad
\begin{array}{cc}
1 & 2 \\
3 & 4
\end{array}
$$
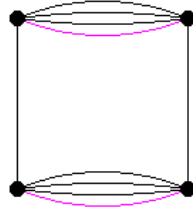
$$V_{18} = -(\mu_{40}^{(1)})^2(\mu_{04}^{(2)})^2 + 8\mu_{40}^{(1)}\mu_{31}^{(1)}\mu_{13}^{(2)}\mu_{04}^{(2)} - 6\mu_{40}^{(1)}\mu_{22}^{(1)}\mu_{22}^{(2)}\mu_{04}^{(2)} - 6\mu_{40}^{(1)}\mu_{22}^{(1)}(\mu_{13}^{(2)})^2$$
$$+2\mu_{40}^{(1)}\mu_{13}^{(1)}\mu_{31}^{(2)}\mu_{04}^{(2)} + 6\mu_{40}^{(1)}\mu_{13}^{(1)}\mu_{22}^{(2)}\mu_{13}^{(2)} + 2\mu_{40}^{(1)}\mu_{04}^{(1)}\mu_{40}^{(2)}\mu_{04}^{(2)}$$
$$-10\mu_{40}^{(1)}\mu_{04}^{(1)}\mu_{31}^{(2)}\mu_{13}^{(2)} + 6\mu_{40}^{(1)}\mu_{04}^{(1)}(\mu_{22}^{(2)})^2 - 6(\mu_{31}^{(1)})^2\mu_{22}^{(2)}\mu_{04}^{(2)} - 10(\mu_{31}^{(1)})^2(\mu_{13}^{(2)})^2$$
$$+6\mu_{31}^{(1)}\mu_{22}^{(1)}\mu_{31}^{(2)}\mu_{04}^{(2)} + 42\mu_{31}^{(1)}\mu_{22}^{(1)}\mu_{22}^{(2)}\mu_{13}^{(2)} - 10\mu_{31}^{(1)}\mu_{13}^{(1)}\mu_{40}^{(2)}\mu_{04}^{(2)}$$
$$+20\mu_{31}^{(1)}\mu_{13}^{(1)}\mu_{31}^{(2)}\mu_{13}^{(2)} - 42\mu_{31}^{(1)}\mu_{13}^{(1)}(\mu_{22}^{(2)})^2 + 2\mu_{31}^{(1)}\mu_{04}^{(1)}\mu_{40}^{(2)}\mu_{13}^{(2)}$$
$$+6\mu_{31}^{(1)}\mu_{04}^{(1)}\mu_{31}^{(2)}\mu_{22}^{(2)} + 6(\mu_{22}^{(1)})^2\mu_{40}^{(2)}\mu_{04}^{(2)} - 42(\mu_{22}^{(1)})^2\mu_{31}^{(2)}\mu_{13}^{(2)}$$
$$+6\mu_{22}^{(1)}\mu_{13}^{(1)}\mu_{40}^{(2)}\mu_{13}^{(2)} + 42\mu_{22}^{(1)}\mu_{13}^{(1)}\mu_{31}^{(2)}\mu_{22}^{(2)} - 6\mu_{22}^{(1)}\mu_{04}^{(1)}\mu_{40}^{(2)}\mu_{22}^{(2)}$$
$$-6\mu_{22}^{(1)}\mu_{04}^{(1)}(\mu_{31}^{(2)})^2 - 6(\mu_{13}^{(1)})^2\mu_{40}^{(2)}\mu_{22}^{(2)} - 10(\mu_{13}^{(1)})^2(\mu_{31}^{(2)})^2 + 8\mu_{13}^{(1)}\mu_{04}^{(1)}\mu_{40}^{(2)}\mu_{31}^{(2)}$$
$$-(\mu_{04}^{(1)})^2(\mu_{40}^{(2)})^2$$

weight=8
structure: 0,0,4
Generating graph:

$$
\begin{array}{cccccccc}
1 & 1 & 1 & 1 & 2 & 2 & 2 & 3 \\
2 & 3 & 3 & 3 & 4 & 4 & 4 & 4
\end{array}
\qquad
\begin{array}{cc}
1 & 3 \\
2 & 4
\end{array}
$$

Invariants of the order 5

$$V_{19} = \mu_{50}^{(1)}\mu_{05}^{(2)} - 5\mu_{41}^{(1)}\mu_{14}^{(2)} + 10\mu_{32}^{(1)}\mu_{23}^{(2)} - 10\mu_{23}^{(1)}\mu_{32}^{(2)} + 5\mu_{14}^{(1)}\mu_{41}^{(2)} - \mu_{05}^{(1)}\mu_{50}^{(2)}$$

weight=5
structure: 0,0,0,2
Generating graph:

$$
\begin{array}{ccccccc}
1 & 1 & 1 & 1 & 1 & & 1 \\
2 & 2 & 2 & 2 & 2 & & 2
\end{array}
$$

$$
\begin{aligned}
V_{20} \;=\; & -\mu^{(1)}_{20}\mu^{(1)}_{41}\mu^{(2)}_{02}\mu^{(2)}_{03} + \mu^{(1)}_{20}\mu^{(1)}_{32}\mu^{(2)}_{11}\mu^{(2)}_{03} + \mu^{(1)}_{20}\mu^{(1)}_{30}\mu^{(2)}_{11}\mu^{(2)}_{05} \\
& +3\mu^{(1)}_{20}\mu^{(1)}_{32}\mu^{(2)}_{02}\mu^{(2)}_{12} - \mu^{(1)}_{20}\mu^{(1)}_{30}\mu^{(2)}_{02}\mu^{(2)}_{14} - 3\mu^{(1)}_{20}\mu^{(1)}_{23}\mu^{(2)}_{11}\mu^{(2)}_{12} \\
& -3\mu^{(1)}_{20}\mu^{(1)}_{21}\mu^{(2)}_{11}\mu^{(2)}_{14} - 3\mu^{(1)}_{20}\mu^{(1)}_{23}\mu^{(2)}_{02}\mu^{(2)}_{21} + 3\mu^{(1)}_{20}\mu^{(1)}_{21}\mu^{(2)}_{02}\mu^{(2)}_{23} \\
& +3\mu^{(1)}_{20}\mu^{(1)}_{14}\mu^{(2)}_{11}\mu^{(2)}_{21} + 3\mu^{(1)}_{20}\mu^{(1)}_{12}\mu^{(2)}_{11}\mu^{(2)}_{23} + \mu^{(1)}_{20}\mu^{(1)}_{14}\mu^{(2)}_{02}\mu^{(2)}_{30} \\
& -3\mu^{(1)}_{20}\mu^{(1)}_{12}\mu^{(2)}_{02}\mu^{(2)}_{32} - \mu^{(1)}_{20}\mu^{(1)}_{05}\mu^{(2)}_{11}\mu^{(2)}_{30} - \mu^{(1)}_{20}\mu^{(1)}_{03}\mu^{(2)}_{11}\mu^{(2)}_{32} \\
& +\mu^{(1)}_{20}\mu^{(1)}_{03}\mu^{(2)}_{02}\mu^{(2)}_{41} + \mu^{(1)}_{11}\mu^{(1)}_{50}\mu^{(2)}_{02}\mu^{(2)}_{03} - 3\mu^{(1)}_{11}\mu^{(1)}_{41}\mu^{(2)}_{02}\mu^{(2)}_{12} \\
& -\mu^{(1)}_{11}\mu^{(1)}_{32}\mu^{(2)}_{20}\mu^{(2)}_{03} - \mu^{(1)}_{11}\mu^{(1)}_{30}\mu^{(2)}_{20}\mu^{(2)}_{05} + 3\mu^{(1)}_{11}\mu^{(1)}_{32}\mu^{(2)}_{02}\mu^{(2)}_{21} \\
& +\mu^{(1)}_{11}\mu^{(1)}_{30}\mu^{(2)}_{02}\mu^{(2)}_{23} + 3\mu^{(1)}_{11}\mu^{(1)}_{23}\mu^{(2)}_{20}\mu^{(2)}_{12} + 3\mu^{(1)}_{11}\mu^{(1)}_{21}\mu^{(2)}_{20}\mu^{(2)}_{14} \\
& -\mu^{(1)}_{11}\mu^{(1)}_{23}\mu^{(2)}_{02}\mu^{(2)}_{30} - 3\mu^{(1)}_{11}\mu^{(1)}_{21}\mu^{(2)}_{02}\mu^{(2)}_{32} - 3\mu^{(1)}_{11}\mu^{(1)}_{14}\mu^{(2)}_{20}\mu^{(2)}_{21} \\
& -3\mu^{(1)}_{11}\mu^{(1)}_{12}\mu^{(2)}_{20}\mu^{(2)}_{23} + 3\mu^{(1)}_{11}\mu^{(1)}_{12}\mu^{(2)}_{02}\mu^{(2)}_{41} + \mu^{(1)}_{11}\mu^{(1)}_{05}\mu^{(2)}_{20}\mu^{(2)}_{30} \\
& +\mu^{(1)}_{11}\mu^{(1)}_{03}\mu^{(2)}_{20}\mu^{(2)}_{32} - \mu^{(1)}_{11}\mu^{(1)}_{03}\mu^{(2)}_{02}\mu^{(2)}_{50} - \mu^{(1)}_{02}\mu^{(1)}_{50}\mu^{(2)}_{11}\mu^{(2)}_{03} \\
& +\mu^{(1)}_{02}\mu^{(1)}_{41}\mu^{(2)}_{20}\mu^{(2)}_{03} + 3\mu^{(1)}_{02}\mu^{(1)}_{41}\mu^{(2)}_{11}\mu^{(2)}_{12} - 3\mu^{(1)}_{02}\mu^{(1)}_{32}\mu^{(2)}_{20}\mu^{(2)}_{12} \\
& +\mu^{(1)}_{02}\mu^{(1)}_{30}\mu^{(2)}_{20}\mu^{(2)}_{14} - 3\mu^{(1)}_{02}\mu^{(1)}_{32}\mu^{(2)}_{11}\mu^{(2)}_{21} - \mu^{(1)}_{02}\mu^{(1)}_{30}\mu^{(2)}_{11}\mu^{(2)}_{23} \\
& +3\mu^{(1)}_{02}\mu^{(1)}_{23}\mu^{(2)}_{20}\mu^{(2)}_{21} - 3\mu^{(1)}_{02}\mu^{(1)}_{21}\mu^{(2)}_{20}\mu^{(2)}_{23} + \mu^{(1)}_{02}\mu^{(1)}_{23}\mu^{(2)}_{11}\mu^{(2)}_{30} \\
& +3\mu^{(1)}_{02}\mu^{(1)}_{21}\mu^{(2)}_{11}\mu^{(2)}_{32} - \mu^{(1)}_{02}\mu^{(1)}_{14}\mu^{(2)}_{20}\mu^{(2)}_{30} + 3\mu^{(1)}_{02}\mu^{(1)}_{12}\mu^{(2)}_{20}\mu^{(2)}_{32} \\
& -3\mu^{(1)}_{02}\mu^{(1)}_{12}\mu^{(2)}_{11}\mu^{(2)}_{41} - \mu^{(1)}_{02}\mu^{(1)}_{03}\mu^{(2)}_{20}\mu^{(2)}_{41} + \mu^{(1)}_{02}\mu^{(1)}_{03}\mu^{(2)}_{11}\mu^{(2)}_{50}
\end{aligned}
$$

weight=6

structure: 2,1,0,1

Generating graph:

$$
\begin{array}{cccccc@{\qquad}cc}
1 & 1 & 1 & 1 & 1 & 2 & 1 & 3 \\
2 & 2 & 3 & 3 & 4 & 4 & 2 & 4
\end{array}
$$

$$
\begin{aligned}
V_{21} \;=\; & \mu_{30}^{(1)}\mu_{32}^{(1)}(\mu_{02}^{(2)})^2 - 3\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} + \mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} \\
& +2\mu_{30}^{(1)}\mu_{14}^{(1)}(\mu_{11}^{(2)})^2 - \mu_{30}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} - 2\mu_{21}^{(1)}\mu_{41}^{(1)}(\mu_{02}^{(2)})^2 \\
& -\mu_{20}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{03}^{(2)} + 5\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} + 2\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{11}^{(2)}\mu_{05}^{(2)} + 2\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} - \mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{02}^{(2)}\mu_{14}^{(2)} \\
& -\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} - \mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} - \mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{05}^{(2)} \\
& +(\mu_{20}^{(1)})^2\mu_{21}^{(2)}\mu_{05}^{(2)} - 2\mu_{21}^{(1)}\mu_{23}^{(1)}(\mu_{11}^{(2)})^2 - 4\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} - 2(\mu_{20}^{(1)})^2\mu_{12}^{(2)}\mu_{14}^{(2)} - \mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& +2\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} + (\mu_{20}^{(1)})^2\mu_{03}^{(2)}\mu_{23}^{(2)} - \mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{30}^{(2)}\mu_{05}^{(2)} \\
& -\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} + 2\mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} + 2\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{14}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} + 2\mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} - \mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} \\
& +5\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} - \mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)} - 3\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)} + \mu_{21}^{(1)}\mu_{05}^{(1)}(\mu_{20}^{(2)})^2 - \mu_{20}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)} - \mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} + \mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} + \mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} + \mu_{12}^{(1)}\mu_{50}^{(1)}(\mu_{02}^{(2)})^2 \\
& +\mu_{11}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{03}^{(2)} - \mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} - 2\mu_{11}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} \\
& -\mu_{11}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} - \mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} + \mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} \\
& -2\mu_{12}^{(1)}\mu_{32}^{(1)}(\mu_{11}^{(2)})^2 + 2\mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} - 2\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} \\
& -\mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} + 2\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} + 5\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} \\
& -\mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} + 2\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{14}^{(2)} + 2\mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} + \mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} - 4\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)} \\
& +2(\mu_{11}^{(1)})^2\mu_{30}^{(2)}\mu_{14}^{(2)} - 2\mu_{12}^{(1)}\mu_{14}^{(1)}(\mu_{20}^{(2)})^2 - \mu_{11}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} \\
& -4\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)} - 2(\mu_{11}^{(1)})^2\mu_{21}^{(2)}\mu_{23}^{(2)} - 2\mu_{11}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} - 2(\mu_{11}^{(1)})^2\mu_{12}^{(2)}\mu_{32}^{(2)} + 2\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{02}^{(2)}\mu_{41}^{(2)} \\
& +2(\mu_{11}^{(1)})^2\mu_{03}^{(2)}\mu_{41}^{(2)} - 3\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)} + \mu_{11}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)} + 5\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} - 2\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} \\
& -\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} - \mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{03}^{(2)}\mu_{50}^{(2)} - \mu_{03}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} \\
& -\mu_{02}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} + \mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} + 2\mu_{03}^{(1)}\mu_{41}^{(1)}(\mu_{11}^{(2)})^2 \\
& +2\mu_{02}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} + 2\mu_{02}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} - 3\mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} \\
& -\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - 4\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} + \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} \\
& -\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} - \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)} + \mu_{03}^{(1)}\mu_{23}^{(1)}(\mu_{20}^{(2)})^2 \\
& +2\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} - \mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)} + 2\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} \\
& -\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} + 2\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{02}^{(2)}\mu_{41}^{(2)} - \mu_{02}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)} \\
& +2\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)} - \mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} - \mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{02}^{(2)}\mu_{50}^{(2)} \\
& +(\mu_{02}^{(1)})^2\mu_{30}^{(2)}\mu_{32}^{(2)} - \mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{41}^{(2)} - 2(\mu_{02}^{(1)})^2\mu_{21}^{(2)}\mu_{41}^{(2)} \\
& +\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{11}^{(2)}\mu_{50}^{(2)} + (\mu_{02}^{(1)})^2\mu_{12}^{(2)}\mu_{50}^{(2)}
\end{aligned}
$$

weight=6

structure: 2,1,0,1

Generating graph:

$$
\begin{array}{cccccc@{\qquad}cc}
1 & 1 & 1 & 1 & 1 & 2 & 1 & 2 \\
2 & 2 & 3 & 3 & 4 & 4 & 3 & 4
\end{array}
$$
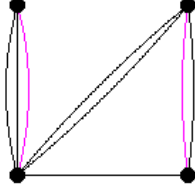
$$
\begin{aligned}
V_{22} \;=\;& \mu_{30}^{(1)}\mu_{41}^{(1)}(\mu_{03}^{(2)})^2 - 4\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{03}^{(2)} + (\mu_{30}^{(1)})^2\mu_{12}^{(2)}\mu_{05}^{(2)} - (\mu_{30}^{(1)})^2\mu_{03}^{(2)}\mu_{14}^{(2)} \\
&+\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} - 2\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} + 5\mu_{30}^{(1)}\mu_{23}^{(1)}(\mu_{12}^{(2)})^2 \\
&-2\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} + 4\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)} + \mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} \\
&-\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{30}^{(2)}\mu_{05}^{(2)} - 5\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} + 7\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} \\
&-5\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} - \mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} - \mu_{30}^{(1)}\mu_{05}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} \\
&+\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)} + 2\mu_{30}^{(1)}\mu_{05}^{(1)}(\mu_{21}^{(2)})^2 - 5\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} \\
&+5\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} - \mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} - \mu_{21}^{(1)}\mu_{50}^{(1)}(\mu_{03}^{(2)})^2 \\
&+2\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{03}^{(2)} + 5\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} - 3\mu_{21}^{(1)}\mu_{32}^{(1)}(\mu_{12}^{(2)})^2 \\
&-5\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} + 2(\mu_{21}^{(1)})^2\mu_{30}^{(2)}\mu_{05}^{(2)} - 3\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} \\
&+3(\mu_{21}^{(1)})^2\mu_{12}^{(2)}\mu_{23}^{(2)} - 5(\mu_{21}^{(1)})^2\mu_{03}^{(2)}\mu_{32}^{(2)} + 7\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} \\
&-5\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)} - 3\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} + 3\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} \\
&+5\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} - 2\mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)} + \mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)} \\
&+5\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} - 7\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} + \mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{03}^{(2)}\mu_{50}^{(2)} \\
&+2\mu_{12}^{(1)}\mu_{50}^{(1)}\mu_{12}^{(2)}\mu_{03}^{(2)} - 7\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} + 5\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} \\
&+3\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} - 5\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} + 3\mu_{12}^{(1)}\mu_{23}^{(1)}(\mu_{21}^{(2)})^2 \\
&-2\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)} + 5(\mu_{12}^{(1)})^2\mu_{30}^{(2)}\mu_{23}^{(2)} - 3(\mu_{12}^{(1)})^2\mu_{21}^{(2)}\mu_{32}^{(2)} - 2(\mu_{12}^{(1)})^2\mu_{03}^{(2)}\mu_{50}^{(2)} \\
&+\mu_{12}^{(1)}\mu_{05}^{(1)}(\mu_{30}^{(2)})^2 - 4\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{30}^{(2)}\mu_{32}^{(2)} + 2\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} \\
&+2\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{12}^{(2)}\mu_{50}^{(2)} + \mu_{03}^{(1)}\mu_{50}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} - 2\mu_{03}^{(1)}\mu_{50}^{(1)}(\mu_{12}^{(2)})^2 \\
&-\mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} + 5\mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} - \mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} \\
&-5\mu_{03}^{(1)}\mu_{32}^{(1)}(\mu_{21}^{(2)})^2 + 4\mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)} - \mu_{03}^{(1)}\mu_{14}^{(1)}(\mu_{30}^{(2)})^2 + (\mu_{03}^{(1)})^2\mu_{30}^{(2)}\mu_{41}^{(2)} \\
&-(\mu_{03}^{(1)})^2\mu_{21}^{(2)}\mu_{50}^{(2)}
\end{aligned}
$$

weight=7

structure: 0,3,0,1

Generating graph:

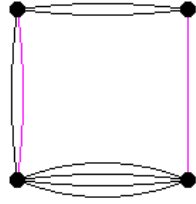| 1	1	1	1	1	2	2		1	3
2	3	3	3	4	4	4		2	4
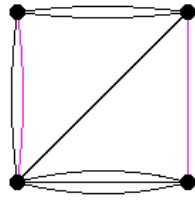
$$
\begin{aligned}
V_{23} \;=\; & \mu_{40}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} - 2\mu_{40}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} + \mu_{40}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& -\mu_{40}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} + 2\mu_{40}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} - \mu_{40}^{(1)}\mu_{05}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& +\mu_{30}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{05}^{(2)} - 4\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{14}^{(2)} - 4\mu_{31}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} \\
& +8\mu_{31}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} - 4\mu_{31}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} + 6\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} \\
& +4\mu_{31}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - 8\mu_{31}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} + 4\mu_{31}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& -4\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)} + \mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{41}^{(2)} - \mu_{20}^{(1)}\mu_{50}^{(1)}\mu_{03}^{(2)}\mu_{04}^{(2)} \\
& -2\mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{05}^{(2)} + \mu_{20}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)} - \mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{14}^{(2)} \\
& +4\mu_{20}^{(1)}\mu_{41}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} + 6\mu_{22}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} - 12\mu_{22}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
& +8\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} - 4\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} + 6\mu_{22}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& +4\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} - 6\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} - 6\mu_{22}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} \\
& +12\mu_{22}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} - 12\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} + 6\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} \\
& -6\mu_{22}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} - 6\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)} + 4\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{40}^{(2)}\mu_{05}^{(2)} + 4\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{31}^{(2)}\mu_{14}^{(2)} - 6\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{22}^{(2)}\mu_{23}^{(2)} \\
& +8\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} - 4\mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} + 4\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{13}^{(2)}\mu_{32}^{(2)} \\
& +4\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{41}^{(2)} - \mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} - \mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{04}^{(2)}\mu_{41}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{40}^{(2)}\mu_{14}^{(2)} - 4\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{31}^{(2)}\mu_{23}^{(2)} + 6\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{22}^{(2)}\mu_{32}^{(2)} \\
& -2\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} + \mu_{20}^{(1)}\mu_{05}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} - 4\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{13}^{(2)}\mu_{41}^{(2)} \\
& -\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{50}^{(2)} + \mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{04}^{(2)}\mu_{50}^{(2)} + 2\mu_{11}^{(1)}\mu_{50}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)} \\
& -4\mu_{13}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} + \mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{20}^{(2)}\mu_{05}^{(2)} - 2\mu_{11}^{(1)}\mu_{41}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} \\
& +8\mu_{13}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} + 2\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} - 8\mu_{11}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} \\
& -4\mu_{13}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} + 4\mu_{13}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - 4\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{14}^{(2)} \\
& +8\mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} - 8\mu_{13}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} - 8\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} \\
& +12\mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} + 4\mu_{13}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} + 2\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{40}^{(2)}\mu_{05}^{(2)} \\
& -8\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{31}^{(2)}\mu_{14}^{(2)} + 6\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)} - 12\mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} \\
& +12\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{22}^{(2)}\mu_{23}^{(2)} + 12\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} - 8\mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} \\
& -8\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{13}^{(2)}\mu_{32}^{(2)} + 2\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{04}^{(2)}\mu_{41}^{(2)} - 2\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{40}^{(2)}\mu_{14}^{(2)} \\
& +8\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{31}^{(2)}\mu_{23}^{(2)} - 4\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)} + 8\mu_{11}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} \\
& -12\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{22}^{(2)}\mu_{32}^{(2)} - 8\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} + 2\mu_{11}^{(1)}\mu_{14}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} \\
& +8\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{13}^{(2)}\mu_{41}^{(2)} - 2\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{04}^{(2)}\mu_{50}^{(2)} + \mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{41}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{05}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)} + 2\mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{50}^{(2)} + \mu_{04}^{(1)}\mu_{50}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} \\
& -\mu_{02}^{(1)}\mu_{50}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} - 2\mu_{04}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} + \mu_{04}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& +\mu_{02}^{(1)}\mu_{41}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} - \mu_{04}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - \mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{20}^{(2)}\mu_{14}^{(2)} \\
& +4\mu_{02}^{(1)}\mu_{41}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} + 2\mu_{04}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} - \mu_{04}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& -\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{40}^{(2)}\mu_{05}^{(2)} - 4\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} + 4\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{31}^{(2)}\mu_{14}^{(2)} \\
& +4\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)} - 6\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} - 6\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{22}^{(2)}\mu_{23}^{(2)} \\
& +4\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{13}^{(2)}\mu_{32}^{(2)} - \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{04}^{(2)}\mu_{41}^{(2)} + \mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{40}^{(2)}\mu_{14}^{(2)} \\
& +6\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} - 4\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{31}^{(2)}\mu_{23}^{(2)} - 6\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)} \\
& +4\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} + 6\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{22}^{(2)}\mu_{32}^{(2)} - 4\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{13}^{(2)}\mu_{41}^{(2)} \\
& +\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{04}^{(2)}\mu_{50}^{(2)} - 4\mu_{02}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} + 4\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{41}^{(2)} \\
& -\mu_{02}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)} + \mu_{02}^{(1)}\mu_{05}^{(1)}\mu_{30}^{(2)}\mu_{40}^{(2)} - \mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{50}^{(2)}
\end{aligned}
$$

weight=7
structure: 1,1,1,1
Generating graph:

$$\begin{array}{ccccccc} 1 & 1 & 1 & 1 & 1 & 2 & 2 \\ 2 & 3 & 3 & 3 & 3 & 4 & 4 \end{array} \qquad \begin{array}{cc} 1 & 3 \\ 2 & 4 \end{array}$$

$$
\begin{aligned}
V_{24} \;=\; & -\mu^{(1)}_{30}\mu^{(1)}_{41}\mu^{(2)}_{02}\mu^{(2)}_{04} + \mu^{(1)}_{30}\mu^{(1)}_{40}\mu^{(2)}_{02}\mu^{(2)}_{05} + 4\mu^{(1)}_{30}\mu^{(1)}_{32}\mu^{(2)}_{02}\mu^{(2)}_{13} \\
& -4\mu^{(1)}_{30}\mu^{(1)}_{31}\mu^{(2)}_{02}\mu^{(2)}_{14} - 6\mu^{(1)}_{30}\mu^{(1)}_{23}\mu^{(2)}_{02}\mu^{(2)}_{22} + 6\mu^{(1)}_{30}\mu^{(1)}_{22}\mu^{(2)}_{02}\mu^{(2)}_{23} \\
& +4\mu^{(1)}_{30}\mu^{(1)}_{14}\mu^{(2)}_{02}\mu^{(2)}_{31} - 4\mu^{(1)}_{30}\mu^{(1)}_{13}\mu^{(2)}_{02}\mu^{(2)}_{32} - \mu^{(1)}_{30}\mu^{(1)}_{05}\mu^{(2)}_{02}\mu^{(2)}_{40} \\
& +\mu^{(1)}_{30}\mu^{(1)}_{04}\mu^{(2)}_{02}\mu^{(2)}_{41} + \mu^{(1)}_{21}\mu^{(1)}_{50}\mu^{(2)}_{02}\mu^{(2)}_{04} - \mu^{(1)}_{20}\mu^{(1)}_{50}\mu^{(2)}_{03}\mu^{(2)}_{04} \\
& +2\mu^{(1)}_{21}\mu^{(1)}_{41}\mu^{(2)}_{11}\mu^{(2)}_{04} - 2\mu^{(1)}_{21}\mu^{(1)}_{40}\mu^{(2)}_{11}\mu^{(2)}_{05} + \mu^{(1)}_{20}\mu^{(1)}_{41}\mu^{(2)}_{12}\mu^{(2)}_{04} \\
& -\mu^{(1)}_{20}\mu^{(1)}_{40}\mu^{(2)}_{12}\mu^{(2)}_{05} - 4\mu^{(1)}_{21}\mu^{(1)}_{41}\mu^{(2)}_{02}\mu^{(2)}_{13} - \mu^{(1)}_{21}\mu^{(1)}_{40}\mu^{(2)}_{02}\mu^{(2)}_{14} \\
& +4\mu^{(1)}_{20}\mu^{(1)}_{41}\mu^{(2)}_{03}\mu^{(2)}_{13} + \mu^{(1)}_{20}\mu^{(1)}_{40}\mu^{(2)}_{03}\mu^{(2)}_{14} - 8\mu^{(1)}_{21}\mu^{(1)}_{32}\mu^{(2)}_{11}\mu^{(2)}_{13} \\
& +8\mu^{(1)}_{21}\mu^{(1)}_{31}\mu^{(2)}_{11}\mu^{(2)}_{14} - 4\mu^{(1)}_{20}\mu^{(1)}_{32}\mu^{(2)}_{12}\mu^{(2)}_{13} + 4\mu^{(1)}_{20}\mu^{(1)}_{31}\mu^{(2)}_{12}\mu^{(2)}_{14} \\
& +6\mu^{(1)}_{21}\mu^{(1)}_{32}\mu^{(2)}_{02}\mu^{(2)}_{22} + 4\mu^{(1)}_{21}\mu^{(1)}_{31}\mu^{(2)}_{02}\mu^{(2)}_{23} - 6\mu^{(1)}_{20}\mu^{(1)}_{32}\mu^{(2)}_{03}\mu^{(2)}_{22} \\
& -4\mu^{(1)}_{20}\mu^{(1)}_{31}\mu^{(2)}_{03}\mu^{(2)}_{23} + 12\mu^{(1)}_{21}\mu^{(1)}_{23}\mu^{(2)}_{11}\mu^{(2)}_{22} - 12\mu^{(1)}_{21}\mu^{(1)}_{22}\mu^{(2)}_{11}\mu^{(2)}_{23} \\
& +6\mu^{(1)}_{20}\mu^{(1)}_{23}\mu^{(2)}_{12}\mu^{(2)}_{22} - 6\mu^{(1)}_{20}\mu^{(1)}_{22}\mu^{(2)}_{12}\mu^{(2)}_{23} - 4\mu^{(1)}_{21}\mu^{(1)}_{23}\mu^{(2)}_{02}\mu^{(2)}_{31} \\
& -6\mu^{(1)}_{21}\mu^{(1)}_{22}\mu^{(2)}_{02}\mu^{(2)}_{32} + 4\mu^{(1)}_{20}\mu^{(1)}_{23}\mu^{(2)}_{03}\mu^{(2)}_{31} + 6\mu^{(1)}_{20}\mu^{(1)}_{22}\mu^{(2)}_{03}\mu^{(2)}_{32} \\
& -8\mu^{(1)}_{21}\mu^{(1)}_{14}\mu^{(2)}_{11}\mu^{(2)}_{31} + 8\mu^{(1)}_{21}\mu^{(1)}_{13}\mu^{(2)}_{11}\mu^{(2)}_{32} - 4\mu^{(1)}_{20}\mu^{(1)}_{14}\mu^{(2)}_{12}\mu^{(2)}_{31} \\
& +4\mu^{(1)}_{20}\mu^{(1)}_{13}\mu^{(2)}_{12}\mu^{(2)}_{32} + \mu^{(1)}_{21}\mu^{(1)}_{14}\mu^{(2)}_{02}\mu^{(2)}_{40} + 4\mu^{(1)}_{21}\mu^{(1)}_{13}\mu^{(2)}_{02}\mu^{(2)}_{41} \\
& -\mu^{(1)}_{20}\mu^{(1)}_{14}\mu^{(2)}_{03}\mu^{(2)}_{40} - 4\mu^{(1)}_{20}\mu^{(1)}_{13}\mu^{(2)}_{03}\mu^{(2)}_{41} + 2\mu^{(1)}_{21}\mu^{(1)}_{05}\mu^{(2)}_{11}\mu^{(2)}_{40} \\
& -2\mu^{(1)}_{21}\mu^{(1)}_{04}\mu^{(2)}_{11}\mu^{(2)}_{41} + \mu^{(1)}_{20}\mu^{(1)}_{05}\mu^{(2)}_{12}\mu^{(2)}_{40} - \mu^{(1)}_{20}\mu^{(1)}_{04}\mu^{(2)}_{12}\mu^{(2)}_{41} \\
& -\mu^{(1)}_{21}\mu^{(1)}_{04}\mu^{(2)}_{02}\mu^{(2)}_{50} + \mu^{(1)}_{20}\mu^{(1)}_{04}\mu^{(2)}_{03}\mu^{(2)}_{50} - 2\mu^{(1)}_{12}\mu^{(1)}_{50}\mu^{(2)}_{11}\mu^{(2)}_{04} \\
& +2\mu^{(1)}_{11}\mu^{(1)}_{50}\mu^{(2)}_{12}\mu^{(2)}_{04} - \mu^{(1)}_{12}\mu^{(1)}_{41}\mu^{(2)}_{20}\mu^{(2)}_{04} + \mu^{(1)}_{12}\mu^{(1)}_{40}\mu^{(2)}_{20}\mu^{(2)}_{05} \\
& -2\mu^{(1)}_{11}\mu^{(1)}_{41}\mu^{(2)}_{21}\mu^{(2)}_{04} + 2\mu^{(1)}_{11}\mu^{(1)}_{40}\mu^{(2)}_{21}\mu^{(2)}_{05} + 8\mu^{(1)}_{12}\mu^{(1)}_{41}\mu^{(2)}_{11}\mu^{(2)}_{13} \\
& +2\mu^{(1)}_{12}\mu^{(1)}_{40}\mu^{(2)}_{11}\mu^{(2)}_{14} - 8\mu^{(1)}_{11}\mu^{(1)}_{41}\mu^{(2)}_{12}\mu^{(2)}_{13} - 2\mu^{(1)}_{11}\mu^{(1)}_{40}\mu^{(2)}_{12}\mu^{(2)}_{14} \\
& +4\mu^{(1)}_{12}\mu^{(1)}_{32}\mu^{(2)}_{20}\mu^{(2)}_{13} - 4\mu^{(1)}_{12}\mu^{(1)}_{31}\mu^{(2)}_{20}\mu^{(2)}_{14} + 8\mu^{(1)}_{11}\mu^{(1)}_{32}\mu^{(2)}_{21}\mu^{(2)}_{13} \\
& -8\mu^{(1)}_{11}\mu^{(1)}_{31}\mu^{(2)}_{21}\mu^{(2)}_{14} - 12\mu^{(1)}_{12}\mu^{(1)}_{32}\mu^{(2)}_{11}\mu^{(2)}_{22} - 8\mu^{(1)}_{12}\mu^{(1)}_{31}\mu^{(2)}_{11}\mu^{(2)}_{23} \\
& +12\mu^{(1)}_{11}\mu^{(1)}_{32}\mu^{(2)}_{12}\mu^{(2)}_{22} + 8\mu^{(1)}_{11}\mu^{(1)}_{31}\mu^{(2)}_{12}\mu^{(2)}_{23} - 6\mu^{(1)}_{12}\mu^{(1)}_{23}\mu^{(2)}_{20}\mu^{(2)}_{22} \\
& +6\mu^{(1)}_{12}\mu^{(1)}_{22}\mu^{(2)}_{20}\mu^{(2)}_{23} - 12\mu^{(1)}_{11}\mu^{(1)}_{23}\mu^{(2)}_{21}\mu^{(2)}_{22} + 12\mu^{(1)}_{11}\mu^{(1)}_{22}\mu^{(2)}_{21}\mu^{(2)}_{23} \\
& +8\mu^{(1)}_{12}\mu^{(1)}_{23}\mu^{(2)}_{11}\mu^{(2)}_{31} + 12\mu^{(1)}_{12}\mu^{(1)}_{22}\mu^{(2)}_{11}\mu^{(2)}_{32} - 8\mu^{(1)}_{11}\mu^{(1)}_{23}\mu^{(2)}_{12}\mu^{(2)}_{31} \\
& -12\mu^{(1)}_{11}\mu^{(1)}_{22}\mu^{(2)}_{12}\mu^{(2)}_{32} + 4\mu^{(1)}_{12}\mu^{(1)}_{14}\mu^{(2)}_{20}\mu^{(2)}_{31} - 4\mu^{(1)}_{12}\mu^{(1)}_{13}\mu^{(2)}_{20}\mu^{(2)}_{32} \\
& +8\mu^{(1)}_{11}\mu^{(1)}_{14}\mu^{(2)}_{21}\mu^{(2)}_{31} - 8\mu^{(1)}_{11}\mu^{(1)}_{13}\mu^{(2)}_{21}\mu^{(2)}_{32} - 2\mu^{(1)}_{12}\mu^{(1)}_{14}\mu^{(2)}_{11}\mu^{(2)}_{40} \\
& -8\mu^{(1)}_{12}\mu^{(1)}_{13}\mu^{(2)}_{11}\mu^{(2)}_{41} + 2\mu^{(1)}_{11}\mu^{(1)}_{14}\mu^{(2)}_{12}\mu^{(2)}_{40} + 8\mu^{(1)}_{11}\mu^{(1)}_{13}\mu^{(2)}_{12}\mu^{(2)}_{41} \\
& -\mu^{(1)}_{12}\mu^{(1)}_{05}\mu^{(2)}_{20}\mu^{(2)}_{40} + \mu^{(1)}_{12}\mu^{(1)}_{04}\mu^{(2)}_{20}\mu^{(2)}_{41} - 2\mu^{(1)}_{11}\mu^{(1)}_{05}\mu^{(2)}_{21}\mu^{(2)}_{40} \\
& +2\mu^{(1)}_{11}\mu^{(1)}_{04}\mu^{(2)}_{21}\mu^{(2)}_{41} + 2\mu^{(1)}_{12}\mu^{(1)}_{04}\mu^{(2)}_{11}\mu^{(2)}_{50} - 2\mu^{(1)}_{11}\mu^{(1)}_{04}\mu^{(2)}_{12}\mu^{(2)}_{50} \\
& +\mu^{(1)}_{03}\mu^{(1)}_{50}\mu^{(2)}_{20}\mu^{(2)}_{04} - \mu^{(1)}_{02}\mu^{(1)}_{50}\mu^{(2)}_{21}\mu^{(2)}_{04} + \mu^{(1)}_{02}\mu^{(1)}_{41}\mu^{(2)}_{30}\mu^{(2)}_{04} \\
& -\mu^{(1)}_{02}\mu^{(1)}_{40}\mu^{(2)}_{30}\mu^{(2)}_{05} - 4\mu^{(1)}_{03}\mu^{(1)}_{41}\mu^{(2)}_{20}\mu^{(2)}_{13} - \mu^{(1)}_{03}\mu^{(1)}_{40}\mu^{(2)}_{20}\mu^{(2)}_{14} \\
& +4\mu^{(1)}_{02}\mu^{(1)}_{41}\mu^{(2)}_{21}\mu^{(2)}_{13} + \mu^{(1)}_{02}\mu^{(1)}_{40}\mu^{(2)}_{21}\mu^{(2)}_{14} - 4\mu^{(1)}_{02}\mu^{(1)}_{32}\mu^{(2)}_{30}\mu^{(2)}_{13} \\
& +4\mu^{(1)}_{02}\mu^{(1)}_{31}\mu^{(2)}_{30}\mu^{(2)}_{14} + 6\mu^{(1)}_{03}\mu^{(1)}_{32}\mu^{(2)}_{20}\mu^{(2)}_{22} + 4\mu^{(1)}_{03}\mu^{(1)}_{31}\mu^{(2)}_{20}\mu^{(2)}_{23} \\
& -6\mu^{(1)}_{02}\mu^{(1)}_{32}\mu^{(2)}_{21}\mu^{(2)}_{22} - 4\mu^{(1)}_{02}\mu^{(1)}_{31}\mu^{(2)}_{21}\mu^{(2)}_{23} + 6\mu^{(1)}_{02}\mu^{(1)}_{23}\mu^{(2)}_{30}\mu^{(2)}_{22} \\
& -6\mu^{(1)}_{02}\mu^{(1)}_{22}\mu^{(2)}_{30}\mu^{(2)}_{23} - 4\mu^{(1)}_{03}\mu^{(1)}_{23}\mu^{(2)}_{20}\mu^{(2)}_{31} - 6\mu^{(1)}_{03}\mu^{(1)}_{22}\mu^{(2)}_{20}\mu^{(2)}_{32} \\
& +4\mu^{(1)}_{02}\mu^{(1)}_{23}\mu^{(2)}_{21}\mu^{(2)}_{31} + 6\mu^{(1)}_{02}\mu^{(1)}_{22}\mu^{(2)}_{21}\mu^{(2)}_{32} - 4\mu^{(1)}_{02}\mu^{(1)}_{14}\mu^{(2)}_{30}\mu^{(2)}_{31} \\
& +4\mu^{(1)}_{02}\mu^{(1)}_{13}\mu^{(2)}_{30}\mu^{(2)}_{32} + \mu^{(1)}_{03}\mu^{(1)}_{14}\mu^{(2)}_{20}\mu^{(2)}_{40} + 4\mu^{(1)}_{03}\mu^{(1)}_{13}\mu^{(2)}_{20}\mu^{(2)}_{41} \\
& -\mu^{(1)}_{02}\mu^{(1)}_{14}\mu^{(2)}_{21}\mu^{(2)}_{40} - 4\mu^{(1)}_{02}\mu^{(1)}_{13}\mu^{(2)}_{21}\mu^{(2)}_{41} + \mu^{(1)}_{02}\mu^{(1)}_{05}\mu^{(2)}_{30}\mu^{(2)}_{40} \\
& -\mu^{(1)}_{02}\mu^{(1)}_{04}\mu^{(2)}_{30}\mu^{(2)}_{41} - \mu^{(1)}_{03}\mu^{(1)}_{04}\mu^{(2)}_{20}\mu^{(2)}_{50} + \mu^{(1)}_{02}\mu^{(1)}_{04}\mu^{(2)}_{21}\mu^{(2)}_{50}
\end{aligned}
$$

weight=7
structure: 1,1,1,1
Generating graph:

$$\begin{array}{ccccccc}1 & 1 & 1 & 1 & 1 & 2 & 2 \\ 2 & 3 & 3 & 3 & 3 & 4 & 4\end{array} \qquad \begin{array}{cc}1 & 2 \\ 3 & 4\end{array}$$

$$
\begin{aligned}
V_{25} \;=\; & \mu^{(1)}_{30}\mu^{(1)}_{40}\mu^{(2)}_{02}\mu^{(2)}_{05} - 2\mu^{(1)}_{30}\mu^{(1)}_{31}\mu^{(2)}_{11}\mu^{(2)}_{05} - 2\mu^{(1)}_{30}\mu^{(1)}_{31}\mu^{(2)}_{02}\mu^{(2)}_{14} \\
& -\mu^{(1)}_{30}\mu^{(1)}_{23}\mu^{(2)}_{20}\mu^{(2)}_{04} + \mu^{(1)}_{30}\mu^{(1)}_{22}\mu^{(2)}_{20}\mu^{(2)}_{05} + 2\mu^{(1)}_{30}\mu^{(1)}_{23}\mu^{(2)}_{11}\mu^{(2)}_{13} \\
& +4\mu^{(1)}_{30}\mu^{(1)}_{22}\mu^{(2)}_{11}\mu^{(2)}_{14} - \mu^{(1)}_{30}\mu^{(1)}_{23}\mu^{(2)}_{02}\mu^{(2)}_{22} + \mu^{(1)}_{30}\mu^{(1)}_{22}\mu^{(2)}_{02}\mu^{(2)}_{23} \\
& +2\mu^{(1)}_{30}\mu^{(1)}_{14}\mu^{(2)}_{20}\mu^{(2)}_{13} - 2\mu^{(1)}_{30}\mu^{(1)}_{13}\mu^{(2)}_{20}\mu^{(2)}_{14} - 4\mu^{(1)}_{30}\mu^{(1)}_{14}\mu^{(2)}_{11}\mu^{(2)}_{22} \\
& -2\mu^{(1)}_{30}\mu^{(1)}_{13}\mu^{(2)}_{11}\mu^{(2)}_{23} + 2\mu^{(1)}_{30}\mu^{(1)}_{14}\mu^{(2)}_{02}\mu^{(2)}_{31} - \mu^{(1)}_{30}\mu^{(1)}_{05}\mu^{(2)}_{20}\mu^{(2)}_{22} \\
& +\mu^{(1)}_{30}\mu^{(1)}_{04}\mu^{(2)}_{20}\mu^{(2)}_{23} + 2\mu^{(1)}_{30}\mu^{(1)}_{05}\mu^{(2)}_{11}\mu^{(2)}_{31} - \mu^{(1)}_{30}\mu^{(1)}_{05}\mu^{(2)}_{02}\mu^{(2)}_{40} \\
& -\mu^{(1)}_{20}\mu^{(1)}_{50}\mu^{(2)}_{03}\mu^{(2)}_{04} + 3\mu^{(1)}_{20}\mu^{(1)}_{41}\mu^{(2)}_{12}\mu^{(2)}_{04} - 3\mu^{(1)}_{21}\mu^{(1)}_{40}\mu^{(2)}_{02}\mu^{(2)}_{14} \\
& +2\mu^{(1)}_{20}\mu^{(1)}_{41}\mu^{(2)}_{03}\mu^{(2)}_{13} + 3\mu^{(1)}_{21}\mu^{(1)}_{32}\mu^{(2)}_{20}\mu^{(2)}_{04} - 3\mu^{(1)}_{20}\mu^{(1)}_{32}\mu^{(2)}_{21}\mu^{(2)}_{04} \\
& -6\mu^{(1)}_{21}\mu^{(1)}_{32}\mu^{(2)}_{11}\mu^{(2)}_{13} + 6\mu^{(1)}_{21}\mu^{(1)}_{31}\mu^{(2)}_{11}\mu^{(2)}_{14} - 6\mu^{(1)}_{20}\mu^{(1)}_{32}\mu^{(2)}_{12}\mu^{(2)}_{13} \\
& +3\mu^{(1)}_{21}\mu^{(1)}_{32}\mu^{(2)}_{02}\mu^{(2)}_{22} + 6\mu^{(1)}_{21}\mu^{(1)}_{31}\mu^{(2)}_{02}\mu^{(2)}_{23} - \mu^{(1)}_{20}\mu^{(1)}_{32}\mu^{(2)}_{03}\mu^{(2)}_{22} \\
& +\mu^{(1)}_{20}\mu^{(1)}_{23}\mu^{(2)}_{30}\mu^{(2)}_{04} - \mu^{(1)}_{20}\mu^{(1)}_{22}\mu^{(2)}_{30}\mu^{(2)}_{05} - 6\mu^{(1)}_{21}\mu^{(1)}_{23}\mu^{(2)}_{20}\mu^{(2)}_{13} \\
& -3\mu^{(1)}_{21}\mu^{(1)}_{22}\mu^{(2)}_{20}\mu^{(2)}_{14} + 6\mu^{(1)}_{20}\mu^{(1)}_{23}\mu^{(2)}_{21}\mu^{(2)}_{13} + 3\mu^{(1)}_{20}\mu^{(1)}_{22}\mu^{(2)}_{21}\mu^{(2)}_{14} \\
& +12\mu^{(1)}_{21}\mu^{(1)}_{23}\mu^{(2)}_{11}\mu^{(2)}_{22} - 12\mu^{(1)}_{21}\mu^{(1)}_{22}\mu^{(2)}_{11}\mu^{(2)}_{23} + 3\mu^{(1)}_{20}\mu^{(1)}_{23}\mu^{(2)}_{12}\mu^{(2)}_{22} \\
& -3\mu^{(1)}_{20}\mu^{(1)}_{22}\mu^{(2)}_{12}\mu^{(2)}_{23} - 6\mu^{(1)}_{21}\mu^{(1)}_{23}\mu^{(2)}_{02}\mu^{(2)}_{31} - 3\mu^{(1)}_{21}\mu^{(1)}_{22}\mu^{(2)}_{02}\mu^{(2)}_{32} \\
& +\mu^{(1)}_{20}\mu^{(1)}_{22}\mu^{(2)}_{03}\mu^{(2)}_{32} - 2\mu^{(1)}_{20}\mu^{(1)}_{14}\mu^{(2)}_{30}\mu^{(2)}_{13} + 2\mu^{(1)}_{20}\mu^{(1)}_{13}\mu^{(2)}_{30}\mu^{(2)}_{14} \\
& +3\mu^{(1)}_{21}\mu^{(1)}_{14}\mu^{(2)}_{20}\mu^{(2)}_{22} + 6\mu^{(1)}_{21}\mu^{(1)}_{13}\mu^{(2)}_{20}\mu^{(2)}_{23} - 3\mu^{(1)}_{20}\mu^{(1)}_{14}\mu^{(2)}_{21}\mu^{(2)}_{22} \\
& -6\mu^{(1)}_{20}\mu^{(1)}_{13}\mu^{(2)}_{21}\mu^{(2)}_{23} - 6\mu^{(1)}_{21}\mu^{(1)}_{14}\mu^{(2)}_{11}\mu^{(2)}_{31} + 6\mu^{(1)}_{21}\mu^{(1)}_{13}\mu^{(2)}_{11}\mu^{(2)}_{32} \\
& +6\mu^{(1)}_{20}\mu^{(1)}_{13}\mu^{(2)}_{12}\mu^{(2)}_{32} + 3\mu^{(1)}_{21}\mu^{(1)}_{14}\mu^{(2)}_{02}\mu^{(2)}_{40} - 2\mu^{(1)}_{20}\mu^{(1)}_{13}\mu^{(2)}_{03}\mu^{(2)}_{41} \\
& +\mu^{(1)}_{20}\mu^{(1)}_{05}\mu^{(2)}_{30}\mu^{(2)}_{22} - \mu^{(1)}_{20}\mu^{(1)}_{04}\mu^{(2)}_{30}\mu^{(2)}_{23} - 3\mu^{(1)}_{21}\mu^{(1)}_{04}\mu^{(2)}_{20}\mu^{(2)}_{32} \\
& +3\mu^{(1)}_{20}\mu^{(1)}_{04}\mu^{(2)}_{21}\mu^{(2)}_{32} - 3\mu^{(1)}_{20}\mu^{(1)}_{04}\mu^{(2)}_{12}\mu^{(2)}_{41} + \mu^{(1)}_{20}\mu^{(1)}_{04}\mu^{(2)}_{03}\mu^{(2)}_{50} \\
& +2\mu^{(1)}_{11}\mu^{(1)}_{50}\mu^{(2)}_{03}\mu^{(2)}_{13} - 3\mu^{(1)}_{12}\mu^{(1)}_{41}\mu^{(2)}_{20}\mu^{(2)}_{04} + 6\mu^{(1)}_{12}\mu^{(1)}_{41}\mu^{(2)}_{11}\mu^{(2)}_{13} \\
& -6\mu^{(1)}_{11}\mu^{(1)}_{41}\mu^{(2)}_{12}\mu^{(2)}_{13} - 3\mu^{(1)}_{12}\mu^{(1)}_{41}\mu^{(2)}_{02}\mu^{(2)}_{22} + 3\mu^{(1)}_{12}\mu^{(1)}_{40}\mu^{(2)}_{02}\mu^{(2)}_{23} \\
& -4\mu^{(1)}_{11}\mu^{(1)}_{41}\mu^{(2)}_{03}\mu^{(2)}_{22} + 2\mu^{(1)}_{11}\mu^{(1)}_{31}\mu^{(2)}_{30}\mu^{(2)}_{05} + 6\mu^{(1)}_{12}\mu^{(1)}_{32}\mu^{(2)}_{20}\mu^{(2)}_{13} \\
& +6\mu^{(1)}_{11}\mu^{(1)}_{32}\mu^{(2)}_{21}\mu^{(2)}_{13} - 6\mu^{(1)}_{11}\mu^{(1)}_{31}\mu^{(2)}_{21}\mu^{(2)}_{14} - 12\mu^{(1)}_{12}\mu^{(1)}_{32}\mu^{(2)}_{11}\mu^{(2)}_{22} \\
& -6\mu^{(1)}_{12}\mu^{(1)}_{31}\mu^{(2)}_{11}\mu^{(2)}_{23} + 12\mu^{(1)}_{11}\mu^{(1)}_{32}\mu^{(2)}_{12}\mu^{(2)}_{22} + 6\mu^{(1)}_{11}\mu^{(1)}_{31}\mu^{(2)}_{12}\mu^{(2)}_{23} \\
& +6\mu^{(1)}_{12}\mu^{(1)}_{32}\mu^{(2)}_{02}\mu^{(2)}_{31} - 6\mu^{(1)}_{12}\mu^{(1)}_{31}\mu^{(2)}_{02}\mu^{(2)}_{32} + 2\mu^{(1)}_{11}\mu^{(1)}_{32}\mu^{(2)}_{03}\mu^{(2)}_{31} \\
& -2\mu^{(1)}_{11}\mu^{(1)}_{31}\mu^{(2)}_{03}\mu^{(2)}_{32} - 2\mu^{(1)}_{11}\mu^{(1)}_{23}\mu^{(2)}_{30}\mu^{(2)}_{13} - 4\mu^{(1)}_{11}\mu^{(1)}_{22}\mu^{(2)}_{30}\mu^{(2)}_{14} \\
& -3\mu^{(1)}_{12}\mu^{(1)}_{23}\mu^{(2)}_{20}\mu^{(2)}_{22} + 3\mu^{(1)}_{12}\mu^{(1)}_{22}\mu^{(2)}_{20}\mu^{(2)}_{23} - 12\mu^{(1)}_{11}\mu^{(1)}_{23}\mu^{(2)}_{21}\mu^{(2)}_{22} \\
& +12\mu^{(1)}_{11}\mu^{(1)}_{22}\mu^{(2)}_{21}\mu^{(2)}_{23} + 6\mu^{(1)}_{12}\mu^{(1)}_{23}\mu^{(2)}_{11}\mu^{(2)}_{31} + 12\mu^{(1)}_{12}\mu^{(1)}_{22}\mu^{(2)}_{11}\mu^{(2)}_{32} \\
& -6\mu^{(1)}_{11}\mu^{(1)}_{23}\mu^{(2)}_{12}\mu^{(2)}_{31} - 12\mu^{(1)}_{11}\mu^{(1)}_{22}\mu^{(2)}_{12}\mu^{(2)}_{32} - 3\mu^{(1)}_{12}\mu^{(1)}_{23}\mu^{(2)}_{02}\mu^{(2)}_{40} \\
& +3\mu^{(1)}_{12}\mu^{(1)}_{22}\mu^{(2)}_{02}\mu^{(2)}_{41} + 4\mu^{(1)}_{11}\mu^{(1)}_{22}\mu^{(2)}_{03}\mu^{(2)}_{41} + 4\mu^{(1)}_{11}\mu^{(1)}_{14}\mu^{(2)}_{30}\mu^{(2)}_{22} \\
& +2\mu^{(1)}_{11}\mu^{(1)}_{13}\mu^{(2)}_{30}\mu^{(2)}_{23} - 6\mu^{(1)}_{12}\mu^{(1)}_{13}\mu^{(2)}_{20}\mu^{(2)}_{32} + 6\mu^{(1)}_{11}\mu^{(1)}_{14}\mu^{(2)}_{21}\mu^{(2)}_{31} \\
& -6\mu^{(1)}_{11}\mu^{(1)}_{13}\mu^{(2)}_{21}\mu^{(2)}_{32} - 6\mu^{(1)}_{12}\mu^{(1)}_{13}\mu^{(2)}_{11}\mu^{(2)}_{41} + 6\mu^{(1)}_{11}\mu^{(1)}_{13}\mu^{(2)}_{12}\mu^{(2)}_{41} \\
& -2\mu^{(1)}_{11}\mu^{(1)}_{13}\mu^{(2)}_{03}\mu^{(2)}_{50} - 2\mu^{(1)}_{11}\mu^{(1)}_{05}\mu^{(2)}_{30}\mu^{(2)}_{31} + 3\mu^{(1)}_{12}\mu^{(1)}_{04}\mu^{(2)}_{20}\mu^{(2)}_{41} \\
& +\mu^{(1)}_{03}\mu^{(1)}_{50}\mu^{(2)}_{20}\mu^{(2)}_{04} - 2\mu^{(1)}_{03}\mu^{(1)}_{50}\mu^{(2)}_{11}\mu^{(2)}_{13} + \mu^{(1)}_{03}\mu^{(1)}_{50}\mu^{(2)}_{02}\mu^{(2)}_{22} \\
& -\mu^{(1)}_{02}\mu^{(1)}_{50}\mu^{(2)}_{03}\mu^{(2)}_{22} - \mu^{(1)}_{02}\mu^{(1)}_{40}\mu^{(2)}_{30}\mu^{(2)}_{05} - 2\mu^{(1)}_{03}\mu^{(1)}_{41}\mu^{(2)}_{20}\mu^{(2)}_{13} \\
& +3\mu^{(1)}_{02}\mu^{(1)}_{40}\mu^{(2)}_{21}\mu^{(2)}_{14} + 4\mu^{(1)}_{03}\mu^{(1)}_{41}\mu^{(2)}_{11}\mu^{(2)}_{22} + 3\mu^{(1)}_{02}\mu^{(1)}_{41}\mu^{(2)}_{12}\mu^{(2)}_{22} \\
& -3\mu^{(1)}_{02}\mu^{(1)}_{40}\mu^{(2)}_{12}\mu^{(2)}_{23} - 2\mu^{(1)}_{03}\mu^{(1)}_{41}\mu^{(2)}_{02}\mu^{(2)}_{31} - \mu^{(1)}_{03}\mu^{(1)}_{40}\mu^{(2)}_{02}\mu^{(2)}_{32} \\
& +2\mu^{(1)}_{02}\mu^{(1)}_{41}\mu^{(2)}_{03}\mu^{(2)}_{31} + \mu^{(1)}_{02}\mu^{(1)}_{40}\mu^{(2)}_{03}\mu^{(2)}_{32} + 2\mu^{(1)}_{02}\mu^{(1)}_{31}\mu^{(2)}_{30}\mu^{(2)}_{14}
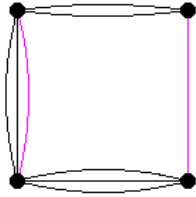\end{aligned}
$$

$$+\mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} - 3\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} - 6\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)}$$
$$-2\mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} + 2\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} - 6\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)}$$
$$+6\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} + \mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} + 2\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{41}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} - 2\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} + \mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)} - \mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)} + 6\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)}$$
$$+3\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} - 4\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} + 3\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)}$$
$$-3\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} - \mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{50}^{(2)} + \mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{50}^{(2)}$$
$$-2\mu_{02}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} + 2\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{41}^{(2)} - 3\mu_{02}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)}$$
$$+2\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{50}^{(2)} + \mu_{02}^{(1)}\mu_{05}^{(1)}\mu_{30}^{(2)}\mu_{40}^{(2)} - \mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{50}^{(2)}$$

weight=7
structure: 1,1,1,1
Generating graph:

$$
\begin{array}{ccccccc@{\qquad}cc}
1 & 1 & 1 & 1 & 1 & 2 & 2 & 1 & 3 \\
2 & 2 & 3 & 3 & 3 & 4 & 4 & 2 & 4
\end{array}
$$

35

$$
\begin{aligned}
V_{26} \;=\; & \mu_{40}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{03}^{(2)} - 3\mu_{40}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} + 3\mu_{40}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& -\mu_{40}^{(1)}\mu_{05}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} - 2\mu_{31}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{03}^{(2)} + \mu_{30}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{05}^{(2)} \\
& -2\mu_{31}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} - 2\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{05}^{(2)} + 6\mu_{31}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} \\
& -2\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{14}^{(2)} + \mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{05}^{(2)} + 6\mu_{31}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
& +4\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} - 6\mu_{31}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} + \mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} \\
& -2\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{14}^{(2)} - 6\mu_{31}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} - 2\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} \\
& +2\mu_{31}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} + \mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)} + 2\mu_{31}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} \\
& +\mu_{22}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{03}^{(2)} - \mu_{20}^{(1)}\mu_{50}^{(1)}\mu_{03}^{(2)}\mu_{04}^{(2)} + 4\mu_{22}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} \\
& +3\mu_{20}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)} - 3\mu_{22}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} - 3\mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{14}^{(2)} \\
& +2\mu_{20}^{(1)}\mu_{41}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} + \mu_{22}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} - 3\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{22}^{(2)}\mu_{05}^{(2)} - 12\mu_{22}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} + 6\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} \\
& -6\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} + 2\mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{13}^{(2)}\mu_{14}^{(2)} + 3\mu_{22}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& +6\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} - \mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} - \mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{04}^{(2)}\mu_{23}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} - 3\mu_{22}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - 3\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{14}^{(2)} \\
& +6\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} + 3\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{22}^{(2)}\mu_{14}^{(2)} + 12\mu_{22}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} \\
& -12\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} + 3\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} - 6\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{13}^{(2)}\mu_{23}^{(2)} \\
& -\mu_{22}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} - 3\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)} + 3\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{04}^{(2)}\mu_{32}^{(2)} \\
& -2\mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} + 3\mu_{22}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} + 6\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)} \\
& -3\mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} - 3\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{22}^{(2)}\mu_{23}^{(2)} - 4\mu_{22}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} \\
& +6\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} + 6\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{13}^{(2)}\mu_{32}^{(2)} - 3\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{04}^{(2)}\mu_{41}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{05}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} - \mu_{22}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)} - 3\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{22}^{(2)}\mu_{32}^{(2)} - 2\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{13}^{(2)}\mu_{41}^{(2)} + \mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{04}^{(2)}\mu_{50}^{(2)} \\
& -2\mu_{13}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} + 2\mu_{11}^{(1)}\mu_{50}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} - 2\mu_{13}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} \\
& +6\mu_{13}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} - 6\mu_{11}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} + 3\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} \\
& -4\mu_{11}^{(1)}\mu_{41}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} + 2\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{31}^{(2)}\mu_{05}^{(2)} + 6\mu_{13}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} \\
& +6\mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} - 4\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{22}^{(2)}\mu_{14}^{(2)} - 6\mu_{13}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} \\
& -6\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} + 12\mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} + 2\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{13}^{(2)}\mu_{23}^{(2)} \\
& -6\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)} + 2\mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} - 2\mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} \\
& -6\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{31}^{(2)}\mu_{14}^{(2)} - 6\mu_{13}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} + 3\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)} \\
& -12\mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} + 12\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{22}^{(2)}\mu_{23}^{(2)} + 2\mu_{13}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} \\
& +12\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} - 6\mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} - 6\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{13}^{(2)}\mu_{32}^{(2)} \\
& +3\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{41}^{(2)} + 4\mu_{11}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} + 6\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{31}^{(2)}\mu_{23}^{(2)} \\
& +2\mu_{13}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)} - 6\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)} + 6\mu_{11}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} \\
& -12\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{22}^{(2)}\mu_{32}^{(2)} - 6\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} + 6\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{13}^{(2)}\mu_{41}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{05}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} - 2\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{31}^{(2)}\mu_{32}^{(2)} + 3\mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{41}^{(2)} \\
& +4\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{22}^{(2)}\mu_{41}^{(2)} - 2\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{13}^{(2)}\mu_{50}^{(2)} + \mu_{04}^{(1)}\mu_{50}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} \\
& -\mu_{02}^{(1)}\mu_{50}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} - 3\mu_{04}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} + 3\mu_{02}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} \\
& -\mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)} + 2\mu_{02}^{(1)}\mu_{41}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} - \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{40}^{(2)}\mu_{05}^{(2)} \\
& +2\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{31}^{(2)}\mu_{14}^{(2)} + 3\mu_{04}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} - 3\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)}
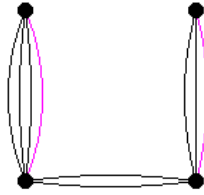\end{aligned}
$$

$$-\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{22}^{(2)}\mu_{23}^{(2)} + 2\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} - 6\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)}$$
$$+2\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{41}^{(2)} - \mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} + 3\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{40}^{(2)}\mu_{14}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} - 6\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{31}^{(2)}\mu_{23}^{(2)} - \mu_{04}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)}$$
$$-\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)} + 6\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} + 3\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{22}^{(2)}\mu_{32}^{(2)}$$
$$-4\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} + 3\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} - \mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{50}^{(2)}$$
$$-3\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{40}^{(2)}\mu_{23}^{(2)} - 2\mu_{02}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} + 6\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{31}^{(2)}\mu_{32}^{(2)}$$
$$+2\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{41}^{(2)} - 3\mu_{02}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)} - 3\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{22}^{(2)}\mu_{41}^{(2)}$$
$$+2\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{50}^{(2)} + \mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{40}^{(2)}\mu_{32}^{(2)} + \mu_{02}^{(1)}\mu_{05}^{(1)}\mu_{30}^{(2)}\mu_{40}^{(2)}$$
$$-2\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{31}^{(2)}\mu_{41}^{(2)} - \mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{50}^{(2)} + \mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{22}^{(2)}\mu_{50}^{(2)}$$

weight=7

structure: 1,1,1,1

Generating graph:

1	1	1	1	1	2	2		1	2
2	2	3	3	3	4	4		3	4

$$
\begin{aligned}
V_{27} =\ & \mu_{30}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} - 2\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} - 2\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} \\
& +\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} - \mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{05}^{(2)} + 4\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} \\
& +2\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} + \mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} - \mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} \\
& -2\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} + 2\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{14}^{(2)} - 2\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} \\
& -4\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} + 2\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)} + \mu_{30}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} \\
& -\mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)} + 2\mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} - \mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{41}^{(2)} \\
& -\mu_{21}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} + 2\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} + \mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{05}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{14}^{(2)} - \mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} + 2\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{05}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} - 2\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} - 4\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} \\
& -2\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} + 3\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} + 2\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} + 2\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)} - \mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{05}^{(2)} - 3\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{14}^{(2)} + 3\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} \\
& -6\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} + 6\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} + 3\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} \\
& -3\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} - 2\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} - 3\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)} \\
& -2\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} - \mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} + 2\mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} \\
& -2\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)} + 3\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} - 3\mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} \\
& +4\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} + 2\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} + \mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{05}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} + \mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)} - 2\mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} \\
& +\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)} + 2\mu_{20}^{(1)}\mu_{05}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} - \mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} \\
& -2\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} - \mu_{20}^{(1)}\mu_{05}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} + \mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{50}^{(2)} \\
& +2\mu_{12}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} - \mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{20}^{(2)}\mu_{05}^{(2)} - 2\mu_{11}^{(1)}\mu_{41}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} \\
& -4\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} + 2\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} + 4\mu_{11}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} - 3\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} - \mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{41}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} + 2\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)} + 2\mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} \\
& +2\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} + 4\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} + 6\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} \\
& -6\mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} + 4\mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} - 4\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} \\
& -4\mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} - 2\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)} - 3\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} \\
& +3\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)} + 6\mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} - 6\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} \\
& -6\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} + 6\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} + \mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} \\
& +3\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{41}^{(2)} - 2\mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} + 2\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} + 4\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)} - 2\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)} \\
& -4\mu_{11}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} - 2\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} + 4\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{14}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} - 4\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} - 2\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{50}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{32}^{(2)} + \mu_{12}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)} + 2\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} \\
& +\mu_{02}^{(1)}\mu_{50}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} - 2\mu_{02}^{(1)}\mu_{50}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} - \mu_{03}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} \\
& +\mu_{02}^{(1)}\mu_{50}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} - \mu_{02}^{(1)}\mu_{41}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} + \mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{20}^{(2)}\mu_{14}^{(2)} \\
& +2\mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} - 2\mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} + 3\mu_{02}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} \\
& +\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} + 2\mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} + \mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)} \\
& -2\mu_{02}^{(1)}\mu_{41}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} - \mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} + 2\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)}
\end{aligned}
$$

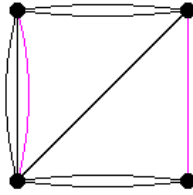$$-\mu^{(1)}_{03}\mu^{(1)}_{32}\mu^{(2)}_{20}\mu^{(2)}_{22} - 2\mu^{(1)}_{03}\mu^{(1)}_{31}\mu^{(2)}_{20}\mu^{(2)}_{23} - 3\mu^{(1)}_{02}\mu^{(1)}_{32}\mu^{(2)}_{21}\mu^{(2)}_{22}$$
$$-2\mu^{(1)}_{02}\mu^{(1)}_{31}\mu^{(2)}_{21}\mu^{(2)}_{23} - 4\mu^{(1)}_{03}\mu^{(1)}_{32}\mu^{(2)}_{11}\mu^{(2)}_{31} + 4\mu^{(1)}_{03}\mu^{(1)}_{31}\mu^{(2)}_{11}\mu^{(2)}_{32}$$
$$-\mu^{(1)}_{03}\mu^{(1)}_{32}\mu^{(2)}_{02}\mu^{(2)}_{40} - 2\mu^{(1)}_{03}\mu^{(1)}_{31}\mu^{(2)}_{02}\mu^{(2)}_{41} + \mu^{(1)}_{02}\mu^{(1)}_{32}\mu^{(2)}_{03}\mu^{(2)}_{40}$$
$$+2\mu^{(1)}_{02}\mu^{(1)}_{31}\mu^{(2)}_{03}\mu^{(2)}_{41} - \mu^{(1)}_{02}\mu^{(1)}_{23}\mu^{(2)}_{30}\mu^{(2)}_{22} + \mu^{(1)}_{02}\mu^{(1)}_{22}\mu^{(2)}_{30}\mu^{(2)}_{23}$$
$$+2\mu^{(1)}_{03}\mu^{(1)}_{23}\mu^{(2)}_{20}\mu^{(2)}_{31} + \mu^{(1)}_{03}\mu^{(1)}_{22}\mu^{(2)}_{20}\mu^{(2)}_{32} + 2\mu^{(1)}_{02}\mu^{(1)}_{23}\mu^{(2)}_{21}\mu^{(2)}_{31}$$
$$+3\mu^{(1)}_{02}\mu^{(1)}_{22}\mu^{(2)}_{21}\mu^{(2)}_{32} + 2\mu^{(1)}_{03}\mu^{(1)}_{23}\mu^{(2)}_{11}\mu^{(2)}_{40} - 2\mu^{(1)}_{03}\mu^{(1)}_{22}\mu^{(2)}_{11}\mu^{(2)}_{41}$$
$$-\mu^{(1)}_{02}\mu^{(1)}_{23}\mu^{(2)}_{12}\mu^{(2)}_{40} - 3\mu^{(1)}_{02}\mu^{(1)}_{22}\mu^{(2)}_{12}\mu^{(2)}_{41} + \mu^{(1)}_{03}\mu^{(1)}_{22}\mu^{(2)}_{02}\mu^{(2)}_{50}$$
$$-\mu^{(1)}_{02}\mu^{(1)}_{22}\mu^{(2)}_{03}\mu^{(2)}_{50} - 2\mu^{(1)}_{02}\mu^{(1)}_{13}\mu^{(2)}_{30}\mu^{(2)}_{32} - \mu^{(1)}_{03}\mu^{(1)}_{14}\mu^{(2)}_{20}\mu^{(2)}_{40}$$
$$+2\mu^{(1)}_{02}\mu^{(1)}_{13}\mu^{(2)}_{12}\mu^{(2)}_{50} + \mu^{(1)}_{02}\mu^{(1)}_{04}\mu^{(2)}_{30}\mu^{(2)}_{41} - \mu^{(1)}_{02}\mu^{(1)}_{04}\mu^{(2)}_{21}\mu^{(2)}_{50}$$

weight=7

structure: 1,1,1,1

Generating graph:

$$
\begin{array}{ccccccc@{\qquad}cc}
1 & 1 & 1 & 1 & 1 & 2 & 2 & 1 & 3 \\
2 & 2 & 3 & 3 & 4 & 4 & 4 & 2 & 4
\end{array}
$$

$$
\begin{aligned}
V_{28} =\ & \mu_{40}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{03}^{(2)} - 2\mu_{40}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} - \mu_{40}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} \\
& +\mu_{40}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} + 2\mu_{40}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} - \mu_{40}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} \\
& -2\mu_{31}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{03}^{(2)} + \mu_{30}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} + 4\mu_{31}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} \\
& -2\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} - 2\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} - 2\mu_{31}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} \\
& +\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} + 4\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} + 2\mu_{31}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& +\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} - 2\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} - 4\mu_{31}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} \\
& -2\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} + 2\mu_{31}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} + \mu_{30}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} \\
& +\mu_{22}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{03}^{(2)} - \mu_{21}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} - 2\mu_{22}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} \\
& +2\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} + \mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{05}^{(2)} + 3\mu_{22}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{14}^{(2)} + \mu_{22}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} - \mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} \\
& -2\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} - \mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{22}^{(2)}\mu_{05}^{(2)} - 6\mu_{22}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
& +2\mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{13}^{(2)}\mu_{14}^{(2)} - 3\mu_{22}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} + 3\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} \\
& +2\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)} - \mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{04}^{(2)}\mu_{23}^{(2)} + \mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{05}^{(2)} \\
& +2\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{31}^{(2)}\mu_{05}^{(2)} + 3\mu_{22}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} + 3\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} \\
& -3\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{22}^{(2)}\mu_{14}^{(2)} + 6\mu_{22}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} - 6\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} \\
& -3\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} - \mu_{22}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} - 2\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} + \mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{04}^{(2)}\mu_{32}^{(2)} - \mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{40}^{(2)}\mu_{05}^{(2)} \\
& -2\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)} - 3\mu_{22}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} + 3\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} \\
& +3\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{22}^{(2)}\mu_{23}^{(2)} + 2\mu_{22}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} + 4\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} \\
& +2\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} - 2\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{13}^{(2)}\mu_{32}^{(2)} + \mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{40}^{(2)}\mu_{14}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)} - 2\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{31}^{(2)}\mu_{23}^{(2)} - \mu_{22}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)} \\
& -2\mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} - \mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} + \mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{22}^{(2)}\mu_{32}^{(2)} \\
& -2\mu_{13}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} + 2\mu_{12}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} + 4\mu_{13}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
& -4\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} - 2\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} - 3\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)} - 2\mu_{13}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} + 2\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} \\
& +4\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} + 2\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{22}^{(2)}\mu_{14}^{(2)} + 6\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} \\
& -4\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{13}^{(2)}\mu_{23}^{(2)} + 2\mu_{13}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} - 4\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{04}^{(2)}\mu_{32}^{(2)} - 2\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)} - 4\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{31}^{(2)}\mu_{14}^{(2)} \\
& -3\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} - 6\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} + 6\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{22}^{(2)}\mu_{23}^{(2)} \\
& -4\mu_{13}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} + 6\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} + \mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} - 2\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{04}^{(2)}\mu_{41}^{(2)} + 2\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{40}^{(2)}\mu_{14}^{(2)} \\
& +4\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)} + 2\mu_{13}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)} - 6\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{22}^{(2)}\mu_{32}^{(2)} \\
& -2\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} - 4\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} + 4\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{13}^{(2)}\mu_{41}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{40}^{(2)}\mu_{23}^{(2)} - 2\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{32}^{(2)} + 4\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{31}^{(2)}\mu_{32}^{(2)} \\
& +\mu_{12}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)} + 2\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} - 2\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{22}^{(2)}\mu_{41}^{(2)} \\
& +\mu_{04}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} - \mu_{03}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} - 2\mu_{04}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} \\
& +2\mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} + \mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} - \mu_{04}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& +2\mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} - \mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} + \mu_{04}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} \\
& -\mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} - 2\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} - \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{22}^{(2)}\mu_{23}^{(2)}
\end{aligned}
$$

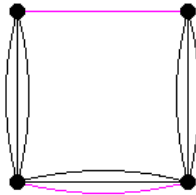$$+2\mu_{04}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} - 4\mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} + 2\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{13}^{(2)}\mu_{32}^{(2)}$$
$$-\mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} + 2\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} - \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{04}^{(2)}\mu_{41}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)} + 2\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{31}^{(2)}\mu_{23}^{(2)} - \mu_{04}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)}$$
$$+2\mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} + 3\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} - 3\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{22}^{(2)}\mu_{32}^{(2)}$$
$$+2\mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} - 3\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} - \mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{50}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{04}^{(2)}\mu_{50}^{(2)} - \mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{40}^{(2)}\mu_{23}^{(2)} - 2\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{32}^{(2)}$$
$$-\mu_{03}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)} + 3\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{22}^{(2)}\mu_{41}^{(2)} + 2\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{50}^{(2)}$$
$$-2\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{13}^{(2)}\mu_{50}^{(2)} + \mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{40}^{(2)}\mu_{32}^{(2)} + \mu_{02}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{41}^{(2)}$$
$$-2\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{31}^{(2)}\mu_{41}^{(2)} - \mu_{02}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{50}^{(2)} + \mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{22}^{(2)}\mu_{50}^{(2)}$$

weight=7
structure: 1,1,1,1
Generating graph:

1	1	1	1	1	2	2		1	2
2	2	3	3	4	4	4		3	4
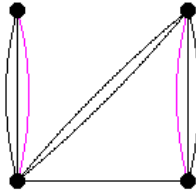
$$
\begin{aligned}
V_{29} \;=\;& \mu_{30}^{(1)}\mu_{50}^{(1)}\mu_{03}^{(2)}\mu_{05}^{(2)} - 3\mu_{30}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{05}^{(2)} - 2\mu_{30}^{(1)}\mu_{41}^{(1)}\mu_{03}^{(2)}\mu_{14}^{(2)} \\
&+3\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} + 6\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} + \mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)} \\
&-9\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} - \mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} + 9\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} \\
&-6\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} + 2\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} - 3\mu_{30}^{(1)}\mu_{05}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} \\
&+3\mu_{30}^{(1)}\mu_{05}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} - \mu_{30}^{(1)}\mu_{05}^{(1)}\mu_{03}^{(2)}\mu_{50}^{(2)} - 3\mu_{21}^{(1)}\mu_{50}^{(1)}\mu_{03}^{(2)}\mu_{14}^{(2)} \\
&+9\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} + 6\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)} - 3\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{30}^{(2)}\mu_{05}^{(2)} \\
&-27\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} + 9\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)} + 27\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} \\
&-6\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} - 9\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)} - 9\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} \\
&+3\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{03}^{(2)}\mu_{50}^{(2)} + 3\mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)} + 3\mu_{12}^{(1)}\mu_{50}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)} \\
&+3\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{30}^{(2)}\mu_{05}^{(2)} - 9\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} - 9\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} \\
&-6\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)} + 27\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} + 9\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} \\
&-27\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} - 3\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{03}^{(2)}\mu_{50}^{(2)} + 6\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{32}^{(2)} \\
&+9\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} - 3\mu_{12}^{(1)}\mu_{05}^{(1)}\mu_{30}^{(2)}\mu_{41}^{(2)} - \mu_{03}^{(1)}\mu_{50}^{(1)}\mu_{30}^{(2)}\mu_{05}^{(2)} \\
&+3\mu_{03}^{(1)}\mu_{50}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} - 3\mu_{03}^{(1)}\mu_{50}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} + 2\mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)} \\
&-6\mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} + 9\mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} - \mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)} \\
&-9\mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} + \mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{32}^{(2)} + 6\mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} \\
&+3\mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{50}^{(2)} - 2\mu_{03}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{41}^{(2)} - 3\mu_{03}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{50}^{(2)} \\
&+\mu_{03}^{(1)}\mu_{05}^{(1)}\mu_{30}^{(2)}\mu_{50}^{(2)}
\end{aligned}
$$

weight=8
structure: 0,2,0,2
Generating graph:

$$
\begin{array}{cccccccc} \quad \begin{array}{cc} \end{array} \\
1 \; 1 \; 1 \; 1 \; 1 \; 2 \; 2 \; 2 \quad\quad 1 \; 3 \\
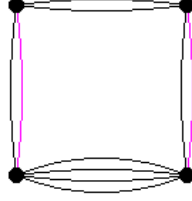2 \; 2 \; 3 \; 3 \; 3 \; 4 \; 4 \; 4 \quad\quad 2 \; 4
\end{array}
$$

$$
\begin{aligned}
V_{30} \;=\; & 2\mu_{50}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} - 2\mu_{50}^{(1)}\mu_{14}^{(1)}(\mu_{12}^{(2)})^2 - \mu_{50}^{(1)}\mu_{05}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} \\
& + \mu_{50}^{(1)}\mu_{05}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} - 8\mu_{41}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} + 8\mu_{41}^{(1)}\mu_{23}^{(1)}(\mu_{12}^{(2)})^2 \\
& + 3\mu_{41}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} - 3\mu_{41}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} + 2\mu_{41}^{(1)}\mu_{05}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} \\
& - 2\mu_{41}^{(1)}\mu_{05}^{(1)}(\mu_{21}^{(2)})^2 + \mu_{30}^{(1)}\mu_{50}^{(1)}\mu_{03}^{(2)}\mu_{05}^{(2)} - \mu_{30}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{05}^{(2)} \\
& - 4\mu_{30}^{(1)}\mu_{41}^{(1)}\mu_{03}^{(2)}\mu_{14}^{(2)} + 6(\mu_{32}^{(1)})^2\mu_{21}^{(2)}\mu_{03}^{(2)} - 6(\mu_{32}^{(1)})^2(\mu_{12}^{(2)})^2 + 4\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} \\
& + 6\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)} - 2\mu_{32}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} + 2\mu_{32}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} \\
& - 6\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} - 4\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} + 2\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{41}^{(2)}\mu_{05}^{(2)} \\
& - 8\mu_{32}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} - 8\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{32}^{(2)}\mu_{14}^{(2)} + 8\mu_{32}^{(1)}\mu_{14}^{(1)}(\mu_{21}^{(2)})^2 \\
& + 6\mu_{30}^{(1)}\mu_{12}^{(1)}(\mu_{23}^{(2)})^2 + 4\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} + \mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} \\
& - \mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{50}^{(2)}\mu_{05}^{(2)} + 3\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{41}^{(2)}\mu_{14}^{(2)} - 2\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{32}^{(2)}\mu_{23}^{(2)} \\
& - \mu_{30}^{(1)}\mu_{05}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} - 2\mu_{21}^{(1)}\mu_{50}^{(1)}\mu_{12}^{(2)}\mu_{05}^{(2)} - \mu_{21}^{(1)}\mu_{50}^{(1)}\mu_{03}^{(2)}\mu_{14}^{(2)} \\
& + 2\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} + 9\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} + 4\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)} \\
& - 8\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} - 16\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} - 6\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} \\
& - 2(\mu_{21}^{(1)})^2\mu_{41}^{(2)}\mu_{05}^{(2)} + 6(\mu_{23}^{(1)})^2\mu_{30}^{(2)}\mu_{12}^{(2)} + 8(\mu_{21}^{(1)})^2\mu_{32}^{(2)}\mu_{14}^{(2)} - 6(\mu_{23}^{(1)})^2(\mu_{21}^{(2)})^2 \\
& + 12\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} - 6(\mu_{21}^{(1)})^2(\mu_{23}^{(2)})^2 + 14\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} \\
& + 4\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} + \mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{50}^{(2)}\mu_{05}^{(2)} - 3\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{41}^{(2)}\mu_{14}^{(2)} \\
& + 2\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{32}^{(2)}\mu_{23}^{(2)} - 8\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} - 6\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} \\
& - \mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{03}^{(2)}\mu_{50}^{(2)} + 2\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{50}^{(2)}\mu_{14}^{(2)} - 8\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{41}^{(2)}\mu_{23}^{(2)} \\
& + 6\mu_{21}^{(1)}\mu_{03}^{(1)}(\mu_{32}^{(2)})^2 + 2\mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} + \mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{12}^{(2)}\mu_{50}^{(2)} \\
& + \mu_{12}^{(1)}\mu_{50}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} + 2\mu_{12}^{(1)}\mu_{50}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} - \mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{30}^{(2)}\mu_{05}^{(2)} \\
& - 6\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} - 8\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} + 4\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)} \\
& + 14\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} + 12\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} - 6\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)} \\
& - 16\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} - 8\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} - 2(\mu_{12}^{(1)})^2\mu_{50}^{(2)}\mu_{14}^{(2)} \\
& + 8(\mu_{12}^{(1)})^2\mu_{41}^{(2)}\mu_{23}^{(2)} + 4\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{32}^{(2)} - 6(\mu_{12}^{(1)})^2(\mu_{32}^{(2)})^2 + 9\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} \\
& + 2\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{12}^{(2)}\mu_{50}^{(2)} - \mu_{12}^{(1)}\mu_{05}^{(1)}\mu_{30}^{(2)}\mu_{41}^{(2)} - 2\mu_{12}^{(1)}\mu_{05}^{(1)}\mu_{21}^{(2)}\mu_{50}^{(2)} \\
& - \mu_{03}^{(1)}\mu_{50}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} + \mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)} + 4\mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} \\
& - 4\mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)} - 6\mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} + 6\mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{32}^{(2)} \\
& + 4\mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} - 4\mu_{03}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{41}^{(2)} - \mu_{03}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{50}^{(2)} \\
& + \mu_{03}^{(1)}\mu_{05}^{(1)}\mu_{30}^{(2)}\mu_{50}^{(2)}
\end{aligned}
$$

weight=8
structure: 0,2,0,2
Generating graph:

$$
\begin{array}{cccccccc@{\qquad}cc}
1 & 1 & 1 & 1 & 1 & 2 & 2 & 3 & 1 & 3 \\
2 & 3 & 3 & 3 & 3 & 4 & 4 & 4 & 2 & 4
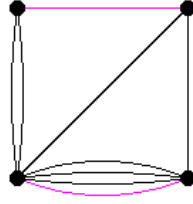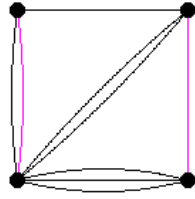\end{array}
$$

Invariants of the order 6

$$
\begin{aligned}
V_{31} \;=\; & -\mu^{(1)}_{20}\mu^{(1)}_{51}\mu^{(2)}_{02}\mu^{(2)}_{04} + \mu^{(1)}_{20}\mu^{(1)}_{42}\mu^{(2)}_{11}\mu^{(2)}_{04} - \mu^{(1)}_{20}\mu^{(1)}_{40}\mu^{(2)}_{11}\mu^{(2)}_{06} \\
& +4\mu^{(1)}_{20}\mu^{(1)}_{42}\mu^{(2)}_{02}\mu^{(2)}_{13} + \mu^{(1)}_{20}\mu^{(1)}_{40}\mu^{(2)}_{02}\mu^{(2)}_{15} - 4\mu^{(1)}_{20}\mu^{(1)}_{33}\mu^{(2)}_{11}\mu^{(2)}_{13} \\
& +4\mu^{(1)}_{20}\mu^{(1)}_{31}\mu^{(2)}_{11}\mu^{(2)}_{15} - 6\mu^{(1)}_{20}\mu^{(1)}_{33}\mu^{(2)}_{02}\mu^{(2)}_{22} - 4\mu^{(1)}_{20}\mu^{(1)}_{31}\mu^{(2)}_{02}\mu^{(2)}_{24} \\
& +6\mu^{(1)}_{20}\mu^{(1)}_{24}\mu^{(2)}_{11}\mu^{(2)}_{22} - 6\mu^{(1)}_{20}\mu^{(1)}_{22}\mu^{(2)}_{11}\mu^{(2)}_{24} + 4\mu^{(1)}_{20}\mu^{(1)}_{24}\mu^{(2)}_{02}\mu^{(2)}_{31} \\
& +6\mu^{(1)}_{20}\mu^{(1)}_{22}\mu^{(2)}_{02}\mu^{(2)}_{33} - 4\mu^{(1)}_{20}\mu^{(1)}_{15}\mu^{(2)}_{11}\mu^{(2)}_{31} + 4\mu^{(1)}_{20}\mu^{(1)}_{13}\mu^{(2)}_{11}\mu^{(2)}_{33} \\
& -\mu^{(1)}_{20}\mu^{(1)}_{15}\mu^{(2)}_{02}\mu^{(2)}_{40} - 4\mu^{(1)}_{20}\mu^{(1)}_{13}\mu^{(2)}_{02}\mu^{(2)}_{42} + \mu^{(1)}_{20}\mu^{(1)}_{06}\mu^{(2)}_{11}\mu^{(2)}_{40} \\
& -\mu^{(1)}_{20}\mu^{(1)}_{04}\mu^{(2)}_{11}\mu^{(2)}_{42} + \mu^{(1)}_{20}\mu^{(1)}_{04}\mu^{(2)}_{02}\mu^{(2)}_{51} + \mu^{(1)}_{11}\mu^{(1)}_{60}\mu^{(2)}_{02}\mu^{(2)}_{04} \\
& -4\mu^{(1)}_{11}\mu^{(1)}_{51}\mu^{(2)}_{02}\mu^{(2)}_{13} - \mu^{(1)}_{11}\mu^{(1)}_{42}\mu^{(2)}_{20}\mu^{(2)}_{04} + \mu^{(1)}_{11}\mu^{(1)}_{40}\mu^{(2)}_{20}\mu^{(2)}_{06} \\
& +6\mu^{(1)}_{11}\mu^{(1)}_{42}\mu^{(2)}_{02}\mu^{(2)}_{22} - \mu^{(1)}_{11}\mu^{(1)}_{40}\mu^{(2)}_{02}\mu^{(2)}_{24} + 4\mu^{(1)}_{11}\mu^{(1)}_{33}\mu^{(2)}_{20}\mu^{(2)}_{13} \\
& -4\mu^{(1)}_{11}\mu^{(1)}_{31}\mu^{(2)}_{20}\mu^{(2)}_{15} - 4\mu^{(1)}_{11}\mu^{(1)}_{33}\mu^{(2)}_{02}\mu^{(2)}_{31} + 4\mu^{(1)}_{11}\mu^{(1)}_{31}\mu^{(2)}_{02}\mu^{(2)}_{33} \\
& -6\mu^{(1)}_{11}\mu^{(1)}_{24}\mu^{(2)}_{20}\mu^{(2)}_{22} + 6\mu^{(1)}_{11}\mu^{(1)}_{22}\mu^{(2)}_{20}\mu^{(2)}_{24} + \mu^{(1)}_{11}\mu^{(1)}_{24}\mu^{(2)}_{02}\mu^{(2)}_{40} \\
& -6\mu^{(1)}_{11}\mu^{(1)}_{22}\mu^{(2)}_{02}\mu^{(2)}_{42} + 4\mu^{(1)}_{11}\mu^{(1)}_{15}\mu^{(2)}_{20}\mu^{(2)}_{31} - 4\mu^{(1)}_{11}\mu^{(1)}_{13}\mu^{(2)}_{20}\mu^{(2)}_{33} \\
& +4\mu^{(1)}_{11}\mu^{(1)}_{13}\mu^{(2)}_{02}\mu^{(2)}_{51} - \mu^{(1)}_{11}\mu^{(1)}_{06}\mu^{(2)}_{20}\mu^{(2)}_{40} + \mu^{(1)}_{11}\mu^{(1)}_{04}\mu^{(2)}_{20}\mu^{(2)}_{42} \\
& -\mu^{(1)}_{11}\mu^{(1)}_{04}\mu^{(2)}_{02}\mu^{(2)}_{60} - \mu^{(1)}_{02}\mu^{(1)}_{60}\mu^{(2)}_{11}\mu^{(2)}_{04} + \mu^{(1)}_{02}\mu^{(1)}_{51}\mu^{(2)}_{20}\mu^{(2)}_{04} \\
& +4\mu^{(1)}_{02}\mu^{(1)}_{51}\mu^{(2)}_{11}\mu^{(2)}_{13} - 4\mu^{(1)}_{02}\mu^{(1)}_{42}\mu^{(2)}_{20}\mu^{(2)}_{13} - \mu^{(1)}_{02}\mu^{(1)}_{40}\mu^{(2)}_{20}\mu^{(2)}_{15} \\
& -6\mu^{(1)}_{02}\mu^{(1)}_{42}\mu^{(2)}_{11}\mu^{(2)}_{22} + \mu^{(1)}_{02}\mu^{(1)}_{40}\mu^{(2)}_{11}\mu^{(2)}_{24} + 6\mu^{(1)}_{02}\mu^{(1)}_{33}\mu^{(2)}_{20}\mu^{(2)}_{22} \\
& +4\mu^{(1)}_{02}\mu^{(1)}_{31}\mu^{(2)}_{20}\mu^{(2)}_{24} + 4\mu^{(1)}_{02}\mu^{(1)}_{33}\mu^{(2)}_{11}\mu^{(2)}_{31} - 4\mu^{(1)}_{02}\mu^{(1)}_{31}\mu^{(2)}_{11}\mu^{(2)}_{33} \\
& -4\mu^{(1)}_{02}\mu^{(1)}_{24}\mu^{(2)}_{20}\mu^{(2)}_{31} - 6\mu^{(1)}_{02}\mu^{(1)}_{22}\mu^{(2)}_{20}\mu^{(2)}_{33} - \mu^{(1)}_{02}\mu^{(1)}_{24}\mu^{(2)}_{11}\mu^{(2)}_{40} \\
& +6\mu^{(1)}_{02}\mu^{(1)}_{22}\mu^{(2)}_{11}\mu^{(2)}_{42} + \mu^{(1)}_{02}\mu^{(1)}_{15}\mu^{(2)}_{20}\mu^{(2)}_{40} + 4\mu^{(1)}_{02}\mu^{(1)}_{13}\mu^{(2)}_{20}\mu^{(2)}_{42} \\
& -4\mu^{(1)}_{02}\mu^{(1)}_{13}\mu^{(2)}_{11}\mu^{(2)}_{51} - \mu^{(1)}_{02}\mu^{(1)}_{04}\mu^{(2)}_{20}\mu^{(2)}_{51} + \mu^{(1)}_{02}\mu^{(1)}_{04}\mu^{(2)}_{11}\mu^{(2)}_{60}
\end{aligned}
$$

weight=7
structure: 2,0,1,0,1
Generating graph:

1	1	1	1	1	1	2		1	3
2	2	2	3	3	4	4		2	4

$$
\begin{aligned}
V_{32} \;=\; & \mu^{(1)}_{30}\mu^{(1)}_{42}\mu^{(2)}_{02}\mu^{(2)}_{03} - 2\mu^{(1)}_{30}\mu^{(1)}_{33}\mu^{(2)}_{11}\mu^{(2)}_{03} - 2\mu^{(1)}_{30}\mu^{(1)}_{33}\mu^{(2)}_{02}\mu^{(2)}_{12} \\
& + \mu^{(1)}_{30}\mu^{(1)}_{24}\mu^{(2)}_{20}\mu^{(2)}_{03} + 4\mu^{(1)}_{30}\mu^{(1)}_{24}\mu^{(2)}_{11}\mu^{(2)}_{12} + \mu^{(1)}_{30}\mu^{(1)}_{24}\mu^{(2)}_{02}\mu^{(2)}_{21} \\
& - 2\mu^{(1)}_{30}\mu^{(1)}_{15}\mu^{(2)}_{20}\mu^{(2)}_{12} - 2\mu^{(1)}_{30}\mu^{(1)}_{15}\mu^{(2)}_{11}\mu^{(2)}_{21} + \mu^{(1)}_{30}\mu^{(1)}_{06}\mu^{(2)}_{20}\mu^{(2)}_{21} \\
& - 2\mu^{(1)}_{21}\mu^{(1)}_{51}\mu^{(2)}_{02}\mu^{(2)}_{03} + 4\mu^{(1)}_{21}\mu^{(1)}_{42}\mu^{(2)}_{11}\mu^{(2)}_{03} + 3\mu^{(1)}_{21}\mu^{(1)}_{42}\mu^{(2)}_{02}\mu^{(2)}_{12} \\
& - 2\mu^{(1)}_{21}\mu^{(1)}_{33}\mu^{(2)}_{20}\mu^{(2)}_{03} - \mu^{(1)}_{20}\mu^{(1)}_{30}\mu^{(2)}_{21}\mu^{(2)}_{06} - 6\mu^{(1)}_{21}\mu^{(1)}_{33}\mu^{(2)}_{11}\mu^{(2)}_{12} \\
& + 2\mu^{(1)}_{20}\mu^{(1)}_{30}\mu^{(2)}_{12}\mu^{(2)}_{15} - \mu^{(1)}_{20}\mu^{(1)}_{30}\mu^{(2)}_{03}\mu^{(2)}_{24} + \mu^{(1)}_{20}\mu^{(1)}_{21}\mu^{(2)}_{30}\mu^{(2)}_{06} \\
& + 3\mu^{(1)}_{21}\mu^{(1)}_{24}\mu^{(2)}_{20}\mu^{(2)}_{12} - 3\mu^{(1)}_{20}\mu^{(1)}_{21}\mu^{(2)}_{12}\mu^{(2)}_{24} - \mu^{(1)}_{21}\mu^{(1)}_{24}\mu^{(2)}_{02}\mu^{(2)}_{30} \\
& + 2\mu^{(1)}_{20}\mu^{(1)}_{21}\mu^{(2)}_{03}\mu^{(2)}_{33} - 2\mu^{(1)}_{20}\mu^{(1)}_{12}\mu^{(2)}_{30}\mu^{(2)}_{15} + 3\mu^{(1)}_{20}\mu^{(1)}_{12}\mu^{(2)}_{21}\mu^{(2)}_{24} \\
& + 2\mu^{(1)}_{21}\mu^{(1)}_{15}\mu^{(2)}_{11}\mu^{(2)}_{30} - \mu^{(1)}_{20}\mu^{(1)}_{12}\mu^{(2)}_{03}\mu^{(2)}_{42} + \mu^{(1)}_{20}\mu^{(1)}_{03}\mu^{(2)}_{30}\mu^{(2)}_{24} \\
& - \mu^{(1)}_{21}\mu^{(1)}_{06}\mu^{(2)}_{20}\mu^{(2)}_{30} - 2\mu^{(1)}_{20}\mu^{(1)}_{03}\mu^{(2)}_{21}\mu^{(2)}_{33} + \mu^{(1)}_{20}\mu^{(1)}_{03}\mu^{(2)}_{12}\mu^{(2)}_{42} \\
& + \mu^{(1)}_{12}\mu^{(1)}_{60}\mu^{(2)}_{02}\mu^{(2)}_{03} - 2\mu^{(1)}_{12}\mu^{(1)}_{51}\mu^{(2)}_{11}\mu^{(2)}_{03} + \mu^{(1)}_{12}\mu^{(1)}_{42}\mu^{(2)}_{20}\mu^{(2)}_{03} \\
& - 3\mu^{(1)}_{12}\mu^{(1)}_{42}\mu^{(2)}_{02}\mu^{(2)}_{21} + 2\mu^{(1)}_{11}\mu^{(1)}_{30}\mu^{(2)}_{21}\mu^{(2)}_{15} + 6\mu^{(1)}_{12}\mu^{(1)}_{33}\mu^{(2)}_{11}\mu^{(2)}_{21} \\
& - 4\mu^{(1)}_{11}\mu^{(1)}_{30}\mu^{(2)}_{12}\mu^{(2)}_{24} + 2\mu^{(1)}_{12}\mu^{(1)}_{33}\mu^{(2)}_{02}\mu^{(2)}_{30} + 2\mu^{(1)}_{11}\mu^{(1)}_{30}\mu^{(2)}_{03}\mu^{(2)}_{33} \\
& - 2\mu^{(1)}_{11}\mu^{(1)}_{21}\mu^{(2)}_{30}\mu^{(2)}_{15} - 3\mu^{(1)}_{12}\mu^{(1)}_{24}\mu^{(2)}_{20}\mu^{(2)}_{21} - 4\mu^{(1)}_{12}\mu^{(1)}_{24}\mu^{(2)}_{11}\mu^{(2)}_{30} \\
& + 6\mu^{(1)}_{11}\mu^{(1)}_{21}\mu^{(2)}_{12}\mu^{(2)}_{33} - 4\mu^{(1)}_{11}\mu^{(1)}_{21}\mu^{(2)}_{03}\mu^{(2)}_{42} + 4\mu^{(1)}_{11}\mu^{(1)}_{12}\mu^{(2)}_{30}\mu^{(2)}_{24} \\
& + 2\mu^{(1)}_{12}\mu^{(1)}_{15}\mu^{(2)}_{20}\mu^{(2)}_{30} - 6\mu^{(1)}_{11}\mu^{(1)}_{12}\mu^{(2)}_{21}\mu^{(2)}_{33} + 2\mu^{(1)}_{11}\mu^{(1)}_{12}\mu^{(2)}_{03}\mu^{(2)}_{51} \\
& - 2\mu^{(1)}_{11}\mu^{(1)}_{03}\mu^{(2)}_{30}\mu^{(2)}_{33} + 4\mu^{(1)}_{11}\mu^{(1)}_{03}\mu^{(2)}_{21}\mu^{(2)}_{42} - 2\mu^{(1)}_{11}\mu^{(1)}_{03}\mu^{(2)}_{12}\mu^{(2)}_{51} \\
& - \mu^{(1)}_{03}\mu^{(1)}_{60}\mu^{(2)}_{02}\mu^{(2)}_{12} + 2\mu^{(1)}_{03}\mu^{(1)}_{51}\mu^{(2)}_{11}\mu^{(2)}_{12} + 2\mu^{(1)}_{03}\mu^{(1)}_{51}\mu^{(2)}_{02}\mu^{(2)}_{21} \\
& - \mu^{(1)}_{03}\mu^{(1)}_{42}\mu^{(2)}_{20}\mu^{(2)}_{12} - 4\mu^{(1)}_{03}\mu^{(1)}_{42}\mu^{(2)}_{11}\mu^{(2)}_{21} - \mu^{(1)}_{03}\mu^{(1)}_{42}\mu^{(2)}_{02}\mu^{(2)}_{30} \\
& + 2\mu^{(1)}_{03}\mu^{(1)}_{33}\mu^{(2)}_{20}\mu^{(2)}_{21} - \mu^{(1)}_{02}\mu^{(1)}_{30}\mu^{(2)}_{21}\mu^{(2)}_{24} + 2\mu^{(1)}_{03}\mu^{(1)}_{33}\mu^{(2)}_{11}\mu^{(2)}_{30} \\
& + 2\mu^{(1)}_{02}\mu^{(1)}_{30}\mu^{(2)}_{12}\mu^{(2)}_{33} - \mu^{(1)}_{02}\mu^{(1)}_{30}\mu^{(2)}_{03}\mu^{(2)}_{42} + \mu^{(1)}_{02}\mu^{(1)}_{21}\mu^{(2)}_{30}\mu^{(2)}_{24} \\
& - \mu^{(1)}_{03}\mu^{(1)}_{24}\mu^{(2)}_{20}\mu^{(2)}_{30} - 3\mu^{(1)}_{02}\mu^{(1)}_{21}\mu^{(2)}_{12}\mu^{(2)}_{42} + 2\mu^{(1)}_{02}\mu^{(1)}_{21}\mu^{(2)}_{03}\mu^{(2)}_{51} \\
& - 2\mu^{(1)}_{02}\mu^{(1)}_{12}\mu^{(2)}_{30}\mu^{(2)}_{33} + 3\mu^{(1)}_{02}\mu^{(1)}_{12}\mu^{(2)}_{21}\mu^{(2)}_{42} - \mu^{(1)}_{02}\mu^{(1)}_{12}\mu^{(2)}_{03}\mu^{(2)}_{60} \\
& + \mu^{(1)}_{02}\mu^{(1)}_{03}\mu^{(2)}_{30}\mu^{(2)}_{42} - 2\mu^{(1)}_{02}\mu^{(1)}_{03}\mu^{(2)}_{21}\mu^{(2)}_{51} + \mu^{(1)}_{02}\mu^{(1)}_{03}\mu^{(2)}_{12}\mu^{(2)}_{60}
\end{aligned}
$$

weight=7
structure: 1,2,0,0,1
Generating graph:

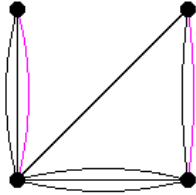| 1	1	1	1	1	1	2		1	2
2	2	3	3	3	4	4		4	3

45

46

$$\begin{aligned}
V_{33} = \ & -\mu_{40}^{(1)}\mu_{33}^{(1)}(\mu_{02}^{(2)})^2 + 3\mu_{40}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} - \mu_{40}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} \\
& -2\mu_{40}^{(1)}\mu_{15}^{(1)}(\mu_{11}^{(2)})^2 + \mu_{40}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} + 3\mu_{31}^{(1)}\mu_{42}^{(1)}(\mu_{02}^{(2)})^2 \\
& -8\mu_{31}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} + 2\mu_{31}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} + 4\mu_{31}^{(1)}\mu_{24}^{(1)}(\mu_{11}^{(2)})^2 \\
& -\mu_{31}^{(1)}\mu_{06}^{(1)}(\mu_{20}^{(2)})^2 - 3\mu_{22}^{(1)}\mu_{51}^{(1)}(\mu_{02}^{(2)})^2 - \mu_{20}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} \\
& +6\mu_{22}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} + 2\mu_{20}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} - \mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{06}^{(2)} \\
& +3\mu_{20}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} + \mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{15}^{(2)} - \mu_{20}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{06}^{(2)} - 6\mu_{20}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} + 2\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{15}^{(2)} \\
& -3\mu_{20}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} - 3\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{24}^{(2)} - (\mu_{20}^{(1)})^2\mu_{31}^{(2)}\mu_{06}^{(2)} \\
& -6\mu_{22}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} + 3\mu_{20}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} - 3\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{15}^{(2)} \\
& +3(\mu_{20}^{(1)})^2\mu_{22}^{(2)}\mu_{15}^{(2)} + 6\mu_{20}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} - 3(\mu_{20}^{(1)})^2\mu_{13}^{(2)}\mu_{24}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} + 3\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{33}^{(2)} + (\mu_{20}^{(1)})^2\mu_{04}^{(2)}\mu_{33}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{40}^{(2)}\mu_{06}^{(2)} + 3\mu_{22}^{(1)}\mu_{15}^{(1)}(\mu_{20}^{(2)})^2 - 3\mu_{20}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} \\
& +3\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{24}^{(2)} - 6\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{22}^{(2)}\mu_{24}^{(2)} - 2\mu_{20}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} \\
& -2\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{33}^{(2)} + 8\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{13}^{(2)}\mu_{33}^{(2)} - \mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{42}^{(2)} \\
& -3\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{04}^{(2)}\mu_{42}^{(2)} - \mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{40}^{(2)}\mu_{15}^{(2)} + 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{31}^{(2)}\mu_{24}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} - \mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{33}^{(2)} + \mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{42}^{(2)} \\
& -2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{13}^{(2)}\mu_{42}^{(2)} + \mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{04}^{(2)}\mu_{51}^{(2)} + \mu_{13}^{(1)}\mu_{60}^{(1)}(\mu_{02}^{(2)})^2 \\
& +\mu_{11}^{(1)}\mu_{60}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} - 2\mu_{11}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} - 2\mu_{11}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} \\
& -2\mu_{13}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} + \mu_{11}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} - 4\mu_{13}^{(1)}\mu_{42}^{(1)}(\mu_{11}^{(2)})^2 \\
& +4\mu_{11}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} + 2\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{15}^{(2)} - 2\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{24}^{(2)} \\
& +8\mu_{13}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} - 2\mu_{11}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} - 2\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{15}^{(2)} \\
& -4\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{24}^{(2)} + 2\mu_{11}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} + 6\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{33}^{(2)} \\
& -3\mu_{13}^{(1)}\mu_{24}^{(1)}(\mu_{20}^{(2)})^2 + 6\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{24}^{(2)} - 4\mu_{11}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} \\
& -\mu_{11}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} - 6\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{42}^{(2)} - 2(\mu_{11}^{(1)})^2\mu_{40}^{(2)}\mu_{15}^{(2)} \\
& +4(\mu_{11}^{(1)})^2\mu_{31}^{(2)}\mu_{24}^{(2)} + 2\mu_{11}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} - 6\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{33}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} + 4\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{42}^{(2)} - 4(\mu_{11}^{(1)})^2\mu_{13}^{(2)}\mu_{42}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{51}^{(2)} + 2(\mu_{11}^{(1)})^2\mu_{04}^{(2)}\mu_{51}^{(2)} + 3\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{40}^{(2)}\mu_{24}^{(2)} \\
& -8\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{31}^{(2)}\mu_{33}^{(2)} - \mu_{11}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)} + 2\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{42}^{(2)} \\
& +6\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{22}^{(2)}\mu_{42}^{(2)} - 2\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{51}^{(2)} - \mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{04}^{(2)}\mu_{60}^{(2)} \\
& -\mu_{04}^{(1)}\mu_{60}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} - \mu_{02}^{(1)}\mu_{60}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} + \mu_{04}^{(1)}\mu_{51}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} \\
& +2\mu_{04}^{(1)}\mu_{51}^{(1)}(\mu_{11}^{(2)})^2 + 2\mu_{02}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} + 3\mu_{02}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} \\
& -3\mu_{04}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} - \mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} - 6\mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} \\
& -\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{24}^{(2)} - 3\mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} + \mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{33}^{(2)} \\
& +\mu_{04}^{(1)}\mu_{33}^{(1)}(\mu_{20}^{(2)})^2 + 3\mu_{02}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} + \mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{24}^{(2)} \\
& +6\mu_{02}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} + 2\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{33}^{(2)} + \mu_{02}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} \\
& -3\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{42}^{(2)} - 3\mu_{02}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} - 3\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{33}^{(2)} \\
& -2\mu_{02}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} + 3\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{51}^{(2)} + \mu_{02}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)} \\
& +3\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{42}^{(2)} - 2\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{51}^{(2)} - \mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{60}^{(2)} \\
& -(\mu_{02}^{(1)})^2\mu_{40}^{(2)}\mu_{33}^{(2)} + 3(\mu_{02}^{(1)})^2\mu_{31}^{(2)}\mu_{42}^{(2)} - \mu_{02}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{51}^{(2)} - 3(\mu_{02}^{(1)})^2\mu_{22}^{(2)}\mu_{51}^{(2)} \\
& +\mu_{02}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{60}^{(2)} + (\mu_{02}^{(1)})^2\mu_{13}^{(2)}\mu_{60}^{(2)}
\end{aligned}$$

weight=7
structure: 2,0,1,0,1
Generating graph:

$$
\begin{array}{ccccccc c cc}
1 & 1 & 1 & 1 & 1 & 1 & 2 & & 1 & 2 \\
2 & 2 & 2 & 3 & 3 & 4 & 4 & & 3 & 4
\end{array}
$$

$$
\begin{aligned}
V_{34} \;=\;& \mu_{30}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} - (\mu_{30}^{(1)})^2\mu_{11}^{(2)}\mu_{06}^{(2)} - \mu_{30}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} \\
&+ (\mu_{30}^{(1)})^2\mu_{02}^{(2)}\mu_{15}^{(2)} - \mu_{30}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} + \mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{06}^{(2)} \\
&- \mu_{30}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} + 4\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{11}^{(2)}\mu_{15}^{(2)} + 2\mu_{30}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
&- 5\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{02}^{(2)}\mu_{24}^{(2)} + 2\mu_{30}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - 2\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{15}^{(2)} \\
&- \mu_{30}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} - 2\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{24}^{(2)} - \mu_{30}^{(1)}\mu_{15}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
&+ 4\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{02}^{(2)}\mu_{33}^{(2)} - \mu_{30}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} + \mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{24}^{(2)} \\
&+ \mu_{30}^{(1)}\mu_{06}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} - \mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{02}^{(2)}\mu_{42}^{(2)} - \mu_{20}^{(1)}\mu_{51}^{(1)}(\mu_{03}^{(2)})^2 \\
&- 3\mu_{21}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} + 5\mu_{20}^{(1)}\mu_{42}^{(1)}\mu_{12}^{(2)}\mu_{03}^{(2)} + 3\mu_{21}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} \\
&+ 3\mu_{21}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} - 4\mu_{20}^{(1)}\mu_{33}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} + 3\mu_{21}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
&- 6\mu_{20}^{(1)}\mu_{33}^{(1)}(\mu_{12}^{(2)})^2 - 6\mu_{21}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} + \mu_{20}^{(1)}\mu_{24}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} \\
&- \mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{30}^{(2)}\mu_{06}^{(2)} - 6\mu_{21}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - 3(\mu_{21}^{(1)})^2\mu_{20}^{(2)}\mu_{15}^{(2)} \\
&+ 9\mu_{20}^{(1)}\mu_{24}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} + 3\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{21}^{(2)}\mu_{15}^{(2)} + 3\mu_{21}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} \\
&- 3(\mu_{21}^{(1)})^2\mu_{11}^{(2)}\mu_{24}^{(2)} - 3\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(2)}\mu_{24}^{(2)} + 3\mu_{21}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
&+ 6(\mu_{21}^{(1)})^2\mu_{02}^{(2)}\mu_{33}^{(2)} + \mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(2)}\mu_{33}^{(2)} - 2\mu_{20}^{(1)}\mu_{15}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} \\
&+ 2\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{30}^{(2)}\mu_{15}^{(2)} + 3\mu_{21}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} + 9\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{24}^{(2)} \\
&- 3\mu_{20}^{(1)}\mu_{15}^{(1)}(\mu_{21}^{(2)})^2 - 6\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{21}^{(2)}\mu_{24}^{(2)} - 3\mu_{21}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} \\
&+ 6\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{12}^{(2)}\mu_{33}^{(2)} - 9\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{02}^{(2)}\mu_{42}^{(2)} - 2\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(2)}\mu_{42}^{(2)} \\
&+ \mu_{20}^{(1)}\mu_{06}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)} - \mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{30}^{(2)}\mu_{24}^{(2)} - 4\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{33}^{(2)} \\
&+ 3\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{21}^{(2)}\mu_{33}^{(2)} + 2\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{11}^{(2)}\mu_{42}^{(2)} - 3\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{12}^{(2)}\mu_{42}^{(2)} \\
&+ 2\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{02}^{(2)}\mu_{51}^{(2)} + \mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{03}^{(2)}\mu_{51}^{(2)} + \mu_{11}^{(1)}\mu_{60}^{(1)}(\mu_{03}^{(2)})^2 \\
&+ 3\mu_{12}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} - 4\mu_{11}^{(1)}\mu_{51}^{(1)}\mu_{12}^{(2)}\mu_{03}^{(2)} - 3\mu_{12}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} \\
&- 3\mu_{12}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} + 2\mu_{11}^{(1)}\mu_{42}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} - 3\mu_{12}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
&+ 3\mu_{11}^{(1)}\mu_{42}^{(1)}(\mu_{12}^{(2)})^2 + 6\mu_{12}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} + \mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{30}^{(2)}\mu_{06}^{(2)} \\
&+ 6\mu_{12}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - 3\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{21}^{(2)}\mu_{15}^{(2)} - 3\mu_{12}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} \\
&+ 3\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(2)}\mu_{24}^{(2)} - 3\mu_{12}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} - \mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(2)}\mu_{33}^{(2)} \\
&- 2\mu_{11}^{(1)}\mu_{24}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} - \mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{30}^{(2)}\mu_{15}^{(2)} - 3\mu_{12}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} \\
&- 3\mu_{11}^{(1)}\mu_{24}^{(1)}(\mu_{21}^{(2)})^2 + 3\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{21}^{(2)}\mu_{24}^{(2)} + 3\mu_{12}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} \\
&- 3\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(2)}\mu_{33}^{(2)} + \mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(2)}\mu_{42}^{(2)} + 4\mu_{11}^{(1)}\mu_{15}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)} \\
&- \mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{30}^{(2)}\mu_{24}^{(2)} - 6(\mu_{12}^{(1)})^2\mu_{20}^{(2)}\mu_{33}^{(2)} + 3\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{21}^{(2)}\mu_{33}^{(2)} \\
&+ 3(\mu_{12}^{(1)})^2\mu_{11}^{(2)}\mu_{42}^{(2)} - 3\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{12}^{(2)}\mu_{42}^{(2)} + 3(\mu_{12}^{(1)})^2\mu_{02}^{(2)}\mu_{51}^{(2)} \\
&+ \mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(2)}\mu_{51}^{(2)} - \mu_{11}^{(1)}\mu_{06}^{(1)}(\mu_{30}^{(2)})^2 + \mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{30}^{(2)}\mu_{33}^{(2)} \\
&+ 5\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{42}^{(2)} - 3\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{21}^{(2)}\mu_{42}^{(2)} - 4\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{11}^{(2)}\mu_{51}^{(2)} \\
&+ 3\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{12}^{(2)}\mu_{51}^{(2)} - \mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{02}^{(2)}\mu_{60}^{(2)} - \mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{03}^{(2)}\mu_{60}^{(2)} \\
&- \mu_{03}^{(1)}\mu_{60}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} - \mu_{02}^{(1)}\mu_{60}^{(1)}\mu_{12}^{(2)}\mu_{03}^{(2)} + \mu_{03}^{(1)}\mu_{60}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} \\
&+ \mu_{03}^{(1)}\mu_{51}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} + 2\mu_{02}^{(1)}\mu_{51}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} + \mu_{03}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
&+ 3\mu_{02}^{(1)}\mu_{51}^{(1)}(\mu_{12}^{(2)})^2 - 2\mu_{03}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} - \mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} \\
&- 2\mu_{03}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - 9\mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} + \mu_{03}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} \\
&+ \mu_{03}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} + 4\mu_{02}^{(1)}\mu_{33}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} - \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{30}^{(2)}\mu_{15}^{(2)} \\
&+ \mu_{03}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} + 6\mu_{02}^{(1)}\mu_{33}^{(1)}(\mu_{21}^{(2)})^2 + 3\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{21}^{(2)}\mu_{24}^{(2)}
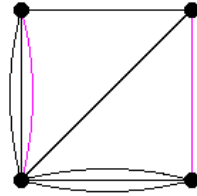\end{aligned}
$$

$$-\mu_{03}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} - 3\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(2)}\mu_{33}^{(2)} + \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(2)}\mu_{42}^{(2)}$$
$$-5\mu_{02}^{(1)}\mu_{24}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)} + 2\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{30}^{(2)}\mu_{24}^{(2)} - 6\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{21}^{(2)}\mu_{33}^{(2)}$$
$$+6\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(2)}\mu_{42}^{(2)} - 2\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(2)}\mu_{51}^{(2)} + \mu_{02}^{(1)}\mu_{15}^{(1)}(\mu_{30}^{(2)})^2$$
$$-\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{30}^{(2)}\mu_{33}^{(2)} + 3\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{21}^{(2)}\mu_{42}^{(2)} - 3\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{12}^{(2)}\mu_{51}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(2)}\mu_{60}^{(2)} - (\mu_{03}^{(1)})^2\mu_{20}^{(2)}\mu_{51}^{(2)} + (\mu_{03}^{(1)})^2\mu_{11}^{(2)}\mu_{60}^{(2)}$$

weight=7

structure: 1,2,0,0,1

Generating graph:

$$\begin{array}{ccccccc} 1 & 1 & 1 & 1 & 1 & 1 & 2 \\ 2 & 2 & 3 & 3 & 3 & 4 & 4 \end{array} \qquad \begin{array}{cc} 1 & 3 \\ 2 & 4 \end{array}$$


$$
\begin{aligned}
V_{35} \;=\; & -\mu_{20}^{(1)}\mu_{60}^{(1)}\mu_{02}^{(2)}\mu_{06}^{(2)} + 2\mu_{20}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{06}^{(2)} + 4\mu_{20}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{15}^{(2)} \\
& -10\mu_{20}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{15}^{(2)} - 5\mu_{20}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{24}^{(2)} + 20\mu_{20}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{24}^{(2)} \\
& -20\mu_{20}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{33}^{(2)} + 5\mu_{20}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{42}^{(2)} + 10\mu_{20}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{42}^{(2)} \\
& -4\mu_{20}^{(1)}\mu_{15}^{(1)}\mu_{02}^{(2)}\mu_{51}^{(2)} - 2\mu_{20}^{(1)}\mu_{06}^{(1)}\mu_{11}^{(2)}\mu_{51}^{(2)} + \mu_{20}^{(1)}\mu_{06}^{(1)}\mu_{02}^{(2)}\mu_{60}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{60}^{(1)}\mu_{02}^{(2)}\mu_{15}^{(2)} - 2\mu_{11}^{(1)}\mu_{51}^{(1)}\mu_{20}^{(2)}\mu_{06}^{(2)} - 10\mu_{11}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{24}^{(2)} \\
& +10\mu_{11}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{15}^{(2)} + 20\mu_{11}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{33}^{(2)} - 20\mu_{11}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{24}^{(2)} \\
& -20\mu_{11}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{42}^{(2)} + 20\mu_{11}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{33}^{(2)} + 10\mu_{11}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{51}^{(2)} \\
& -10\mu_{11}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{42}^{(2)} - 2\mu_{11}^{(1)}\mu_{15}^{(1)}\mu_{02}^{(2)}\mu_{60}^{(2)} + 2\mu_{11}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{51}^{(2)} \\
& +\mu_{02}^{(1)}\mu_{60}^{(1)}\mu_{20}^{(2)}\mu_{06}^{(2)} - 2\mu_{02}^{(1)}\mu_{60}^{(1)}\mu_{11}^{(2)}\mu_{15}^{(2)} - 4\mu_{02}^{(1)}\mu_{51}^{(1)}\mu_{20}^{(2)}\mu_{15}^{(2)} \\
& +10\mu_{02}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{24}^{(2)} + 5\mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{24}^{(2)} - 20\mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{33}^{(2)} \\
& +20\mu_{02}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{42}^{(2)} - 5\mu_{02}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{42}^{(2)} - 10\mu_{02}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{51}^{(2)} \\
& +4\mu_{02}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{51}^{(2)} + 2\mu_{02}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{60}^{(2)} - \mu_{02}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{60}^{(2)}
\end{aligned}
$$

weight=8

structure: 2,0,0,0,2

Generating graph:

$$\begin{array}{cccccccc} 1 & 1 & 1 & 1 & 1 & 1 & 2 & 2 \\ 2 & 2 & 2 & 2 & 3 & 3 & 4 & 4 \end{array} \qquad \begin{array}{cc} 1 & 3 \\ 2 & 4 \end{array}$$
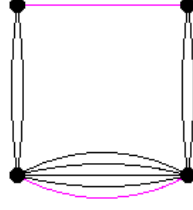
$$
\begin{aligned}
V_{36} \;=\; & \mu_{60}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} - \mu_{60}^{(1)}\mu_{06}^{(1)}(\mu_{11}^{(2)})^2 - 6\mu_{51}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} \\
& +6\mu_{51}^{(1)}\mu_{15}^{(1)}(\mu_{11}^{(2)})^2 + 15\mu_{42}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} - 15\mu_{42}^{(1)}\mu_{24}^{(1)}(\mu_{11}^{(2)})^2 - 10(\mu_{33}^{(1)})^2\mu_{20}^{(2)}\mu_{02}^{(2)} \\
& +10(\mu_{33}^{(1)})^2(\mu_{11}^{(2)})^2 - \mu_{20}^{(1)}\mu_{60}^{(1)}\mu_{02}^{(2)}\mu_{06}^{(2)} + \mu_{20}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{06}^{(2)} \\
& +5\mu_{20}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{15}^{(2)} - 5\mu_{20}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{15}^{(2)} - 10\mu_{20}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{24}^{(2)} \\
& +10\mu_{20}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{24}^{(2)} + 10\mu_{20}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{33}^{(2)} - 10\mu_{20}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{33}^{(2)} \\
& -5\mu_{20}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{42}^{(2)} + 5\mu_{20}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{42}^{(2)} + \mu_{20}^{(1)}\mu_{15}^{(1)}\mu_{02}^{(2)}\mu_{51}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{60}^{(2)}\mu_{06}^{(2)} - 6\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{51}^{(2)}\mu_{15}^{(2)} + 15\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{42}^{(2)}\mu_{24}^{(2)} \\
& -10\mu_{20}^{(1)}\mu_{02}^{(1)}(\mu_{33}^{(2)})^2 - \mu_{20}^{(1)}\mu_{06}^{(1)}\mu_{11}^{(2)}\mu_{51}^{(2)} + \mu_{11}^{(1)}\mu_{60}^{(1)}\mu_{11}^{(2)}\mu_{06}^{(2)} \\
& +\mu_{11}^{(1)}\mu_{60}^{(1)}\mu_{02}^{(2)}\mu_{15}^{(2)} - \mu_{11}^{(1)}\mu_{51}^{(1)}\mu_{20}^{(2)}\mu_{06}^{(2)} - 6\mu_{11}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{15}^{(2)} \\
& -5\mu_{11}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{24}^{(2)} + 5\mu_{11}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{15}^{(2)} + 15\mu_{11}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{24}^{(2)} \\
& +10\mu_{11}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{33}^{(2)} - 10\mu_{11}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{24}^{(2)} - 20\mu_{11}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{33}^{(2)} \\
& -10\mu_{11}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{42}^{(2)} + 10\mu_{11}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{33}^{(2)} + 15\mu_{11}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{42}^{(2)} \\
& +5\mu_{11}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{51}^{(2)} - (\mu_{11}^{(1)})^2\mu_{60}^{(2)}\mu_{06}^{(2)} + 6(\mu_{11}^{(1)})^2\mu_{51}^{(2)}\mu_{15}^{(2)} - 15(\mu_{11}^{(1)})^2\mu_{42}^{(2)}\mu_{24}^{(2)} \\
& +10(\mu_{11}^{(1)})^2(\mu_{33}^{(2)})^2 - 5\mu_{11}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{42}^{(2)} - 6\mu_{11}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{51}^{(2)} \\
& -\mu_{11}^{(1)}\mu_{15}^{(1)}\mu_{02}^{(2)}\mu_{60}^{(2)} + \mu_{11}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{51}^{(2)} + \mu_{11}^{(1)}\mu_{06}^{(1)}\mu_{11}^{(2)}\mu_{60}^{(2)} \\
& -\mu_{02}^{(1)}\mu_{60}^{(1)}\mu_{11}^{(2)}\mu_{15}^{(2)} + \mu_{02}^{(1)}\mu_{51}^{(1)}\mu_{20}^{(2)}\mu_{15}^{(2)} + 5\mu_{02}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{24}^{(2)} \\
& -5\mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{24}^{(2)} - 10\mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{33}^{(2)} + 10\mu_{02}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{33}^{(2)} \\
& +10\mu_{02}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{42}^{(2)} - 10\mu_{02}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{42}^{(2)} - 5\mu_{02}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{51}^{(2)} \\
& +5\mu_{02}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{51}^{(2)} + \mu_{02}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{60}^{(2)} - \mu_{02}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{60}^{(2)}
\end{aligned}
$$

weight=8

structure: 2,0,0,0,2

Generating graph:

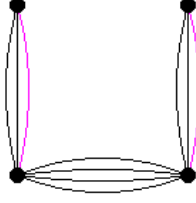| 1	1	1	1	1	1	2	3		1	2
2	2	2	2	2	3	4	4		3	4
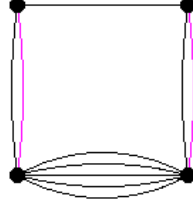
$$
\begin{aligned}
V_{37} \;=\;& \mu_{60}^{(1)}\mu_{24}^{(1)}(\mu_{02}^{(2)})^2 - 2\mu_{60}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} + \mu_{60}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} \\
& -4\mu_{51}^{(1)}\mu_{33}^{(1)}(\mu_{02}^{(2)})^2 + 6\mu_{51}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} - 4\mu_{51}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} \\
& +4\mu_{51}^{(1)}\mu_{15}^{(1)}(\mu_{11}^{(2)})^2 - 2\mu_{51}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} + 3(\mu_{42}^{(1)})^2(\mu_{02}^{(2)})^2 - 4\mu_{42}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} \\
& +7\mu_{42}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} - 16\mu_{42}^{(1)}\mu_{24}^{(1)}(\mu_{11}^{(2)})^2 + 6\mu_{42}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} \\
& +\mu_{42}^{(1)}\mu_{06}^{(1)}(\mu_{20}^{(2)})^2 - 4(\mu_{33}^{(1)})^2\mu_{20}^{(2)}\mu_{02}^{(2)} + 12(\mu_{33}^{(1)})^2(\mu_{11}^{(2)})^2 - 4\mu_{33}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} \\
& -4\mu_{33}^{(1)}\mu_{15}^{(1)}(\mu_{20}^{(2)})^2 - \mu_{20}^{(1)}\mu_{60}^{(1)}\mu_{02}^{(2)}\mu_{06}^{(2)} + 2\mu_{20}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{06}^{(2)} \\
& +4\mu_{20}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{15}^{(2)} - \mu_{20}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{06}^{(2)} - 8\mu_{20}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{15}^{(2)} \\
& -6\mu_{20}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{24}^{(2)} + 4\mu_{20}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{15}^{(2)} + 12\mu_{20}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{24}^{(2)} \\
& +4\mu_{20}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{33}^{(2)} + (\mu_{20}^{(1)})^2\mu_{42}^{(2)}\mu_{06}^{(2)} - 4(\mu_{20}^{(1)})^2\mu_{33}^{(2)}\mu_{15}^{(2)} + 3(\mu_{24}^{(1)})^2(\mu_{20}^{(2)})^2 \\
& -6\mu_{20}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{24}^{(2)} + 3(\mu_{20}^{(1)})^2(\mu_{24}^{(2)})^2 - 8\mu_{20}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{33}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{42}^{(2)} - 2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{51}^{(2)}\mu_{06}^{(2)} + 6\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{42}^{(2)}\mu_{15}^{(2)} \\
& -4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{33}^{(2)}\mu_{24}^{(2)} + 4\mu_{20}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{33}^{(2)} + 2\mu_{20}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{42}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{60}^{(2)}\mu_{06}^{(2)} - 4\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{51}^{(2)}\mu_{15}^{(2)} + 7\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{42}^{(2)}\mu_{24}^{(2)} \\
& -4\mu_{20}^{(1)}\mu_{02}^{(1)}(\mu_{33}^{(2)})^2 - \mu_{20}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{42}^{(2)} + 2\mu_{11}^{(1)}\mu_{60}^{(1)}\mu_{02}^{(2)}\mu_{15}^{(2)} \\
& -4\mu_{11}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{15}^{(2)} - 8\mu_{11}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{24}^{(2)} + 2\mu_{11}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{15}^{(2)} \\
& +16\mu_{11}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{24}^{(2)} + 12\mu_{11}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{33}^{(2)} - 8\mu_{11}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{24}^{(2)} \\
& -24\mu_{11}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{33}^{(2)} - 8\mu_{11}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{42}^{(2)} + 12\mu_{11}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{33}^{(2)} \\
& +16\mu_{11}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{42}^{(2)} + 2\mu_{11}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{51}^{(2)} + 4(\mu_{11}^{(1)})^2\mu_{51}^{(2)}\mu_{15}^{(2)} \\
& -16(\mu_{11}^{(1)})^2\mu_{42}^{(2)}\mu_{24}^{(2)} + 12(\mu_{11}^{(1)})^2(\mu_{33}^{(2)})^2 - 8\mu_{11}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{42}^{(2)} - 4\mu_{11}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{51}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{60}^{(2)}\mu_{15}^{(2)} + 6\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{51}^{(2)}\mu_{24}^{(2)} - 4\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{42}^{(2)}\mu_{33}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{51}^{(2)} - \mu_{02}^{(1)}\mu_{60}^{(1)}\mu_{02}^{(2)}\mu_{24}^{(2)} + 2\mu_{02}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{24}^{(2)} \\
& +4\mu_{02}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{33}^{(2)} - \mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{24}^{(2)} - 8\mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{33}^{(2)} \\
& -6\mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{42}^{(2)} + 4\mu_{02}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{33}^{(2)} + 12\mu_{02}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{42}^{(2)} \\
& +4\mu_{02}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{51}^{(2)} - 6\mu_{02}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{42}^{(2)} - 8\mu_{02}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{51}^{(2)} \\
& -\mu_{02}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{60}^{(2)} + 4\mu_{02}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{51}^{(2)} + 2\mu_{02}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{60}^{(2)} \\
& +(\mu_{02}^{(1)})^2\mu_{60}^{(2)}\mu_{24}^{(2)} - 4(\mu_{02}^{(1)})^2\mu_{51}^{(2)}\mu_{33}^{(2)} + 3(\mu_{02}^{(1)})^2(\mu_{42}^{(2)})^2 - \mu_{02}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{60}^{(2)}
\end{aligned}
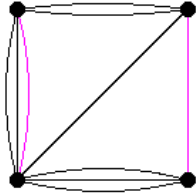$$

weight=8

structure: 2,0,0,0,2

Generating graph:

1	1	1	1	1	1	2	2		1	2
2	2	2	2	3	3	4	4		3	4

$$
\begin{aligned}
V_{38} \;=\; & \mu^{(1)}_{30}\mu^{(1)}_{51}\mu^{(2)}_{03}\mu^{(2)}_{04} - 3\mu^{(1)}_{30}\mu^{(1)}_{42}\mu^{(2)}_{12}\mu^{(2)}_{04} - \mu^{(1)}_{30}\mu^{(1)}_{40}\mu^{(2)}_{12}\mu^{(2)}_{06} \\
& -2\mu^{(1)}_{30}\mu^{(1)}_{42}\mu^{(2)}_{03}\mu^{(2)}_{13} + \mu^{(1)}_{30}\mu^{(1)}_{40}\mu^{(2)}_{03}\mu^{(2)}_{15} + 2\mu^{(1)}_{30}\mu^{(1)}_{33}\mu^{(2)}_{21}\mu^{(2)}_{04} \\
& +2\mu^{(1)}_{30}\mu^{(1)}_{31}\mu^{(2)}_{21}\mu^{(2)}_{06} + 8\mu^{(1)}_{30}\mu^{(1)}_{33}\mu^{(2)}_{12}\mu^{(2)}_{13} - 2\mu^{(1)}_{30}\mu^{(1)}_{31}\mu^{(2)}_{03}\mu^{(2)}_{24} \\
& -6\mu^{(1)}_{30}\mu^{(1)}_{24}\mu^{(2)}_{21}\mu^{(2)}_{13} - 6\mu^{(1)}_{30}\mu^{(1)}_{22}\mu^{(2)}_{21}\mu^{(2)}_{15} - 6\mu^{(1)}_{30}\mu^{(1)}_{24}\mu^{(2)}_{12}\mu^{(2)}_{22} \\
& +6\mu^{(1)}_{30}\mu^{(1)}_{22}\mu^{(2)}_{12}\mu^{(2)}_{24} + 2\mu^{(1)}_{30}\mu^{(1)}_{24}\mu^{(2)}_{03}\mu^{(2)}_{31} + 6\mu^{(1)}_{30}\mu^{(1)}_{15}\mu^{(2)}_{21}\mu^{(2)}_{22} \\
& +6\mu^{(1)}_{30}\mu^{(1)}_{13}\mu^{(2)}_{21}\mu^{(2)}_{24} - 8\mu^{(1)}_{30}\mu^{(1)}_{13}\mu^{(2)}_{12}\mu^{(2)}_{33} - \mu^{(1)}_{30}\mu^{(1)}_{15}\mu^{(2)}_{03}\mu^{(2)}_{40} \\
& +2\mu^{(1)}_{30}\mu^{(1)}_{13}\mu^{(2)}_{03}\mu^{(2)}_{42} - 2\mu^{(1)}_{30}\mu^{(1)}_{06}\mu^{(2)}_{21}\mu^{(2)}_{31} - 2\mu^{(1)}_{30}\mu^{(1)}_{04}\mu^{(2)}_{21}\mu^{(2)}_{33} \\
& +\mu^{(1)}_{30}\mu^{(1)}_{06}\mu^{(2)}_{12}\mu^{(2)}_{40} + 3\mu^{(1)}_{30}\mu^{(1)}_{04}\mu^{(2)}_{12}\mu^{(2)}_{42} - \mu^{(1)}_{30}\mu^{(1)}_{04}\mu^{(2)}_{03}\mu^{(2)}_{51} \\
& -\mu^{(1)}_{21}\mu^{(1)}_{60}\mu^{(2)}_{03}\mu^{(2)}_{04} + 3\mu^{(1)}_{21}\mu^{(1)}_{51}\mu^{(2)}_{12}\mu^{(2)}_{04} - 6\mu^{(1)}_{21}\mu^{(1)}_{42}\mu^{(2)}_{12}\mu^{(2)}_{13} \\
& +3\mu^{(1)}_{21}\mu^{(1)}_{40}\mu^{(2)}_{12}\mu^{(2)}_{15} + 6\mu^{(1)}_{21}\mu^{(1)}_{42}\mu^{(2)}_{03}\mu^{(2)}_{22} - 3\mu^{(1)}_{21}\mu^{(1)}_{40}\mu^{(2)}_{03}\mu^{(2)}_{24} \\
& -2\mu^{(1)}_{21}\mu^{(1)}_{33}\mu^{(2)}_{30}\mu^{(2)}_{04} - 2\mu^{(1)}_{21}\mu^{(1)}_{31}\mu^{(2)}_{30}\mu^{(2)}_{06} - 6\mu^{(1)}_{21}\mu^{(1)}_{31}\mu^{(2)}_{12}\mu^{(2)}_{24} \\
& -8\mu^{(1)}_{21}\mu^{(1)}_{33}\mu^{(2)}_{03}\mu^{(2)}_{31} + 8\mu^{(1)}_{21}\mu^{(1)}_{31}\mu^{(2)}_{03}\mu^{(2)}_{33} + 6\mu^{(1)}_{21}\mu^{(1)}_{24}\mu^{(2)}_{30}\mu^{(2)}_{13} \\
& +6\mu^{(1)}_{21}\mu^{(1)}_{22}\mu^{(2)}_{30}\mu^{(2)}_{15} + 6\mu^{(1)}_{21}\mu^{(1)}_{24}\mu^{(2)}_{12}\mu^{(2)}_{31} + 3\mu^{(1)}_{21}\mu^{(1)}_{24}\mu^{(2)}_{03}\mu^{(2)}_{40} \\
& -6\mu^{(1)}_{21}\mu^{(1)}_{22}\mu^{(2)}_{03}\mu^{(2)}_{42} - 6\mu^{(1)}_{21}\mu^{(1)}_{15}\mu^{(2)}_{30}\mu^{(2)}_{22} - 6\mu^{(1)}_{21}\mu^{(1)}_{13}\mu^{(2)}_{30}\mu^{(2)}_{24} \\
& -3\mu^{(1)}_{21}\mu^{(1)}_{15}\mu^{(2)}_{12}\mu^{(2)}_{40} + 6\mu^{(1)}_{21}\mu^{(1)}_{13}\mu^{(2)}_{12}\mu^{(2)}_{42} + 2\mu^{(1)}_{21}\mu^{(1)}_{06}\mu^{(2)}_{30}\mu^{(2)}_{31} \\
& +2\mu^{(1)}_{21}\mu^{(1)}_{04}\mu^{(2)}_{30}\mu^{(2)}_{33} - 3\mu^{(1)}_{21}\mu^{(1)}_{04}\mu^{(2)}_{12}\mu^{(2)}_{51} + \mu^{(1)}_{21}\mu^{(1)}_{04}\mu^{(2)}_{03}\mu^{(2)}_{60} \\
& +2\mu^{(1)}_{12}\mu^{(1)}_{60}\mu^{(2)}_{03}\mu^{(2)}_{13} - 3\mu^{(1)}_{12}\mu^{(1)}_{51}\mu^{(2)}_{21}\mu^{(2)}_{04} - 6\mu^{(1)}_{12}\mu^{(1)}_{51}\mu^{(2)}_{03}\mu^{(2)}_{22} \\
& +3\mu^{(1)}_{12}\mu^{(1)}_{42}\mu^{(2)}_{30}\mu^{(2)}_{04} + \mu^{(1)}_{12}\mu^{(1)}_{40}\mu^{(2)}_{30}\mu^{(2)}_{06} + 6\mu^{(1)}_{12}\mu^{(1)}_{42}\mu^{(2)}_{21}\mu^{(2)}_{13} \\
& -3\mu^{(1)}_{12}\mu^{(1)}_{40}\mu^{(2)}_{21}\mu^{(2)}_{15} + 6\mu^{(1)}_{12}\mu^{(1)}_{42}\mu^{(2)}_{03}\mu^{(2)}_{31} + 2\mu^{(1)}_{12}\mu^{(1)}_{40}\mu^{(2)}_{03}\mu^{(2)}_{33} \\
& -8\mu^{(1)}_{12}\mu^{(1)}_{33}\mu^{(2)}_{30}\mu^{(2)}_{13} + 6\mu^{(1)}_{12}\mu^{(1)}_{31}\mu^{(2)}_{21}\mu^{(2)}_{24} - 2\mu^{(1)}_{12}\mu^{(1)}_{33}\mu^{(2)}_{03}\mu^{(2)}_{40} \\
& -6\mu^{(1)}_{12}\mu^{(1)}_{31}\mu^{(2)}_{03}\mu^{(2)}_{42} + 6\mu^{(1)}_{12}\mu^{(1)}_{24}\mu^{(2)}_{30}\mu^{(2)}_{22} - 6\mu^{(1)}_{12}\mu^{(1)}_{22}\mu^{(2)}_{30}\mu^{(2)}_{24} \\
& -6\mu^{(1)}_{12}\mu^{(1)}_{24}\mu^{(2)}_{21}\mu^{(2)}_{31} + 6\mu^{(1)}_{12}\mu^{(1)}_{22}\mu^{(2)}_{03}\mu^{(2)}_{51} + 8\mu^{(1)}_{12}\mu^{(1)}_{13}\mu^{(2)}_{30}\mu^{(2)}_{33} \\
& +3\mu^{(1)}_{12}\mu^{(1)}_{15}\mu^{(2)}_{21}\mu^{(2)}_{40} - 6\mu^{(1)}_{12}\mu^{(1)}_{13}\mu^{(2)}_{21}\mu^{(2)}_{42} - 2\mu^{(1)}_{12}\mu^{(1)}_{13}\mu^{(2)}_{03}\mu^{(2)}_{60} \\
& -\mu^{(1)}_{12}\mu^{(1)}_{06}\mu^{(2)}_{30}\mu^{(2)}_{40} - 3\mu^{(1)}_{12}\mu^{(1)}_{04}\mu^{(2)}_{30}\mu^{(2)}_{42} + 3\mu^{(1)}_{12}\mu^{(1)}_{04}\mu^{(2)}_{21}\mu^{(2)}_{51} \\
& +\mu^{(1)}_{03}\mu^{(1)}_{60}\mu^{(2)}_{21}\mu^{(2)}_{04} - 2\mu^{(1)}_{03}\mu^{(1)}_{60}\mu^{(2)}_{12}\mu^{(2)}_{13} - \mu^{(1)}_{03}\mu^{(1)}_{51}\mu^{(2)}_{30}\mu^{(2)}_{04} \\
& +6\mu^{(1)}_{03}\mu^{(1)}_{51}\mu^{(2)}_{12}\mu^{(2)}_{22} + 2\mu^{(1)}_{03}\mu^{(1)}_{42}\mu^{(2)}_{30}\mu^{(2)}_{13} - \mu^{(1)}_{03}\mu^{(1)}_{40}\mu^{(2)}_{30}\mu^{(2)}_{15} \\
& -6\mu^{(1)}_{03}\mu^{(1)}_{42}\mu^{(2)}_{21}\mu^{(2)}_{22} + 3\mu^{(1)}_{03}\mu^{(1)}_{40}\mu^{(2)}_{21}\mu^{(2)}_{24} - 6\mu^{(1)}_{03}\mu^{(1)}_{42}\mu^{(2)}_{12}\mu^{(2)}_{31} \\
& -2\mu^{(1)}_{03}\mu^{(1)}_{40}\mu^{(2)}_{12}\mu^{(2)}_{33} + 2\mu^{(1)}_{03}\mu^{(1)}_{31}\mu^{(2)}_{30}\mu^{(2)}_{24} + 8\mu^{(1)}_{03}\mu^{(1)}_{33}\mu^{(2)}_{21}\mu^{(2)}_{31} \\
& -8\mu^{(1)}_{03}\mu^{(1)}_{31}\mu^{(2)}_{21}\mu^{(2)}_{33} + 2\mu^{(1)}_{03}\mu^{(1)}_{33}\mu^{(2)}_{12}\mu^{(2)}_{40} + 6\mu^{(1)}_{03}\mu^{(1)}_{31}\mu^{(2)}_{12}\mu^{(2)}_{42} \\
& -2\mu^{(1)}_{03}\mu^{(1)}_{24}\mu^{(2)}_{30}\mu^{(2)}_{31} - 3\mu^{(1)}_{03}\mu^{(1)}_{24}\mu^{(2)}_{21}\mu^{(2)}_{40} + 6\mu^{(1)}_{03}\mu^{(1)}_{22}\mu^{(2)}_{21}\mu^{(2)}_{42} \\
& -6\mu^{(1)}_{03}\mu^{(1)}_{22}\mu^{(2)}_{12}\mu^{(2)}_{51} + \mu^{(1)}_{03}\mu^{(1)}_{15}\mu^{(2)}_{30}\mu^{(2)}_{40} - 2\mu^{(1)}_{03}\mu^{(1)}_{13}\mu^{(2)}_{30}\mu^{(2)}_{42} \\
& +2\mu^{(1)}_{03}\mu^{(1)}_{13}\mu^{(2)}_{12}\mu^{(2)}_{60} + \mu^{(1)}_{03}\mu^{(1)}_{04}\mu^{(2)}_{30}\mu^{(2)}_{51} - \mu^{(1)}_{03}\mu^{(1)}_{04}\mu^{(2)}_{21}\mu^{(2)}_{60}
\end{aligned}
$$

weight=8
structure: 0,2,1,0,1
Generating graph:

$$
\begin{array}{cccccccc}
1 & 1 & 1 & 1 & 1 & 1 & 2 & 2 \\
2 & 2 & 3 & 3 & 3 & 4 & 4 & 4
\end{array}
\qquad
\begin{array}{cc}
1 & 3 \\
2 & 4
\end{array}
$$

$$\begin{aligned}
V_{39} \;=\; & \mu_{40}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} - 4\mu_{40}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} - \mu_{40}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} \\
& +2\mu_{40}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} + 5\mu_{40}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} + 2\mu_{40}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} \\
& -4\mu_{40}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} - 2\mu_{40}^{(1)}\mu_{15}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} - \mu_{40}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} \\
& +2\mu_{40}^{(1)}\mu_{06}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} - 2\mu_{31}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} - 2\mu_{31}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} \\
& +8\mu_{31}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} + 4\mu_{31}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} - 8\mu_{31}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} \\
& -8\mu_{31}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} + 4\mu_{31}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} + 4\mu_{31}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} \\
& +2\mu_{31}^{(1)}\mu_{15}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} - 2\mu_{31}^{(1)}\mu_{06}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} + \mu_{22}^{(1)}\mu_{60}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} \\
& +4\mu_{22}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} - 4\mu_{22}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} - 5\mu_{22}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{22}^{(2)}\mu_{06}^{(2)} - 4\mu_{22}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} - 2\mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{13}^{(2)}\mu_{15}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{04}^{(2)}\mu_{24}^{(2)} + 8\mu_{22}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} - 4\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{22}^{(2)}\mu_{15}^{(2)} \\
& +8\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{13}^{(2)}\mu_{24}^{(2)} + 8\mu_{22}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} - 4\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{04}^{(2)}\mu_{33}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{40}^{(2)}\mu_{06}^{(2)} + 4\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{31}^{(2)}\mu_{15}^{(2)} - 4\mu_{22}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} \\
& -8\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{13}^{(2)}\mu_{33}^{(2)} - 5\mu_{22}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} + 5\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{04}^{(2)}\mu_{42}^{(2)} \\
& +2\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{40}^{(2)}\mu_{15}^{(2)} - 8\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{31}^{(2)}\mu_{24}^{(2)} - 4\mu_{22}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} \\
& +8\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{22}^{(2)}\mu_{33}^{(2)} + 4\mu_{22}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} - 2\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{04}^{(2)}\mu_{51}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{40}^{(2)}\mu_{24}^{(2)} + 4\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{31}^{(2)}\mu_{33}^{(2)} + \mu_{22}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)} \\
& -5\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{22}^{(2)}\mu_{42}^{(2)} + 2\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{13}^{(2)}\mu_{51}^{(2)} - 2\mu_{13}^{(1)}\mu_{60}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} \\
& +2\mu_{13}^{(1)}\mu_{51}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} + 4\mu_{13}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} - 2\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{31}^{(2)}\mu_{06}^{(2)} \\
& +4\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{22}^{(2)}\mu_{15}^{(2)} + 4\mu_{13}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} - 2\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{13}^{(2)}\mu_{24}^{(2)} \\
& -8\mu_{13}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} + 2\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{40}^{(2)}\mu_{06}^{(2)} - 8\mu_{13}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} \\
& -4\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{22}^{(2)}\mu_{24}^{(2)} + 4\mu_{13}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} + 2\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{04}^{(2)}\mu_{42}^{(2)} \\
& -4\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{40}^{(2)}\mu_{15}^{(2)} + 4\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{31}^{(2)}\mu_{24}^{(2)} + 8\mu_{13}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} \\
& -2\mu_{13}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} + 4\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{13}^{(2)}\mu_{42}^{(2)} - 4\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{04}^{(2)}\mu_{51}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{40}^{(2)}\mu_{24}^{(2)} - 2\mu_{13}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)} - 4\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{22}^{(2)}\mu_{42}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{04}^{(2)}\mu_{60}^{(2)} - 2\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{31}^{(2)}\mu_{42}^{(2)} + 4\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{22}^{(2)}\mu_{51}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{13}^{(2)}\mu_{60}^{(2)} + 2\mu_{04}^{(1)}\mu_{60}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} - \mu_{04}^{(1)}\mu_{60}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} \\
& -2\mu_{04}^{(1)}\mu_{51}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} - 4\mu_{04}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} + 2\mu_{04}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} \\
& +2\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{31}^{(2)}\mu_{15}^{(2)} + 5\mu_{04}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} - 5\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{22}^{(2)}\mu_{24}^{(2)} \\
& +2\mu_{04}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} + 4\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{13}^{(2)}\mu_{33}^{(2)} - \mu_{04}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} \\
& -\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{04}^{(2)}\mu_{42}^{(2)} - 2\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{40}^{(2)}\mu_{15}^{(2)} - 4\mu_{04}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} \\
& +8\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{22}^{(2)}\mu_{33}^{(2)} - 8\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{13}^{(2)}\mu_{42}^{(2)} + 2\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{04}^{(2)}\mu_{51}^{(2)} \\
& +5\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{40}^{(2)}\mu_{24}^{(2)} - 8\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{31}^{(2)}\mu_{33}^{(2)} + \mu_{04}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)} \\
& +4\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{13}^{(2)}\mu_{51}^{(2)} - \mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{04}^{(2)}\mu_{60}^{(2)} - 4\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{40}^{(2)}\mu_{33}^{(2)} \\
& +8\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{31}^{(2)}\mu_{42}^{(2)} - 4\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{22}^{(2)}\mu_{51}^{(2)} + \mu_{02}^{(1)}\mu_{04}^{(1)}\mu_{40}^{(2)}\mu_{42}^{(2)} \\
& -2\mu_{02}^{(1)}\mu_{04}^{(1)}\mu_{31}^{(2)}\mu_{51}^{(2)} + \mu_{02}^{(1)}\mu_{04}^{(1)}\mu_{22}^{(2)}\mu_{60}^{(2)}
\end{aligned}$$

weight=8

structure: 1,0,2,0,1

Generating graph:

$$
\begin{array}{cccccccc\quad cc}
1 & 1 & 1 & 1 & 1 & 1 & 2 & 2 & \quad 1 & 2 \\
2 & 2 & 3 & 3 & 3 & 3 & 4 & 4 & \quad 4 & 3
\end{array}
$$
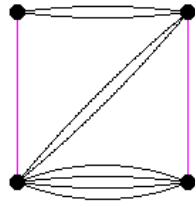
$$
\begin{aligned}
V_{40} =\ & -\mu_{50}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} + 2\mu_{50}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} - \mu_{50}^{(1)}\mu_{15}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& +\mu_{50}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - 2\mu_{50}^{(1)}\mu_{06}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} + \mu_{50}^{(1)}\mu_{06}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& +5\mu_{41}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} - 10\mu_{41}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} + 5\mu_{41}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& -5\mu_{41}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} + 10\mu_{41}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} - 5\mu_{41}^{(1)}\mu_{15}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& -\mu_{30}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{06}^{(2)} + 5\mu_{30}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{15}^{(2)} - 10\mu_{32}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} \\
& +20\mu_{32}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} - 10\mu_{32}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} - 10\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{24}^{(2)} \\
& +10\mu_{32}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - 20\mu_{32}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} + 10\mu_{32}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& +10\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{33}^{(2)} - 5\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{42}^{(2)} + \mu_{30}^{(1)}\mu_{05}^{(1)}\mu_{02}^{(2)}\mu_{51}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{60}^{(1)}\mu_{03}^{(2)}\mu_{05}^{(2)} + 2\mu_{21}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{06}^{(2)} + \mu_{20}^{(1)}\mu_{51}^{(1)}\mu_{12}^{(2)}\mu_{05}^{(2)} \\
& +\mu_{21}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{15}^{(2)} + 5\mu_{20}^{(1)}\mu_{51}^{(1)}\mu_{03}^{(2)}\mu_{14}^{(2)} + 10\mu_{23}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} \\
& -20\mu_{23}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} - 10\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{15}^{(2)} - 5\mu_{20}^{(1)}\mu_{42}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} \\
& +10\mu_{23}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} - 5\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{24}^{(2)} - 10\mu_{20}^{(1)}\mu_{42}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)} \\
& -10\mu_{23}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} + 20\mu_{23}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} + 20\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{24}^{(2)} \\
& +10\mu_{20}^{(1)}\mu_{33}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} - 10\mu_{23}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} + 10\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{33}^{(2)} \\
& +10\mu_{20}^{(1)}\mu_{33}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} - 20\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{33}^{(2)} - 10\mu_{20}^{(1)}\mu_{24}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} \\
& -10\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{42}^{(2)} - 5\mu_{20}^{(1)}\mu_{24}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} + \mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{50}^{(2)}\mu_{06}^{(2)} \\
& -5\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{41}^{(2)}\mu_{15}^{(2)} + 10\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{32}^{(2)}\mu_{24}^{(2)} - 10\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{23}^{(2)}\mu_{33}^{(2)} \\
& +10\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{42}^{(2)} + 5\mu_{20}^{(1)}\mu_{15}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} + 5\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{14}^{(2)}\mu_{42}^{(2)} \\
& +5\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{51}^{(2)} + \mu_{20}^{(1)}\mu_{15}^{(1)}\mu_{03}^{(2)}\mu_{50}^{(2)} - \mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{05}^{(2)}\mu_{51}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{50}^{(2)}\mu_{15}^{(2)} + 5\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{41}^{(2)}\mu_{24}^{(2)} - 10\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{32}^{(2)}\mu_{33}^{(2)} \\
& +10\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{23}^{(2)}\mu_{42}^{(2)} - 2\mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{51}^{(2)} - \mu_{20}^{(1)}\mu_{06}^{(1)}\mu_{12}^{(2)}\mu_{50}^{(2)} \\
& -5\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{14}^{(2)}\mu_{51}^{(2)} - \mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{02}^{(2)}\mu_{60}^{(2)} + \mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{05}^{(2)}\mu_{60}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{60}^{(1)}\mu_{12}^{(2)}\mu_{05}^{(2)} - 5\mu_{14}^{(1)}\mu_{51}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} - \mu_{12}^{(1)}\mu_{50}^{(1)}\mu_{20}^{(2)}\mu_{06}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{51}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} + 10\mu_{14}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} - 2\mu_{12}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{15}^{(2)} \\
& -10\mu_{11}^{(1)}\mu_{51}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} - 5\mu_{14}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} + 5\mu_{14}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} \\
& +5\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{15}^{(2)} + 10\mu_{11}^{(1)}\mu_{42}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} - 10\mu_{14}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} \\
& +10\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{24}^{(2)} + 20\mu_{11}^{(1)}\mu_{42}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} + 5\mu_{14}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& -10\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{24}^{(2)} - 20\mu_{11}^{(1)}\mu_{33}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} - 20\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{33}^{(2)} \\
& -20\mu_{11}^{(1)}\mu_{33}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} - 2\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{50}^{(2)}\mu_{06}^{(2)} + 10\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{41}^{(2)}\mu_{15}^{(2)} \\
& -20\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{32}^{(2)}\mu_{24}^{(2)} + 10\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{33}^{(2)} + 20\mu_{11}^{(1)}\mu_{24}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} \\
& +20\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{23}^{(2)}\mu_{33}^{(2)} + 20\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{42}^{(2)} + 10\mu_{11}^{(1)}\mu_{24}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} \\
& -10\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{14}^{(2)}\mu_{42}^{(2)} + 2\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{05}^{(2)}\mu_{51}^{(2)} + 2\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{50}^{(2)}\mu_{15}^{(2)} \\
& -10\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{41}^{(2)}\mu_{24}^{(2)} + 20\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{32}^{(2)}\mu_{33}^{(2)} - 5\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{42}^{(2)} \\
& -10\mu_{11}^{(1)}\mu_{15}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} - 20\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{23}^{(2)}\mu_{42}^{(2)} - 10\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{51}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{15}^{(1)}\mu_{12}^{(2)}\mu_{50}^{(2)} + 10\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{14}^{(2)}\mu_{51}^{(2)} - 2\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{05}^{(2)}\mu_{60}^{(2)} \\
& +\mu_{12}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{51}^{(2)} + 2\mu_{11}^{(1)}\mu_{06}^{(1)}\mu_{21}^{(2)}\mu_{50}^{(2)} + 2\mu_{12}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{60}^{(2)} \\
& +\mu_{05}^{(1)}\mu_{60}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} - \mu_{02}^{(1)}\mu_{60}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} - 2\mu_{05}^{(1)}\mu_{60}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
& +\mu_{05}^{(1)}\mu_{60}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} + \mu_{02}^{(1)}\mu_{51}^{(1)}\mu_{30}^{(2)}\mu_{05}^{(2)} - \mu_{05}^{(1)}\mu_{51}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} \\
& +\mu_{03}^{(1)}\mu_{50}^{(1)}\mu_{20}^{(2)}\mu_{15}^{(2)} + 5\mu_{02}^{(1)}\mu_{51}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} + 2\mu_{05}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)}
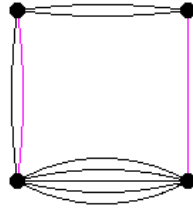\end{aligned}
$$

$$-\mu_{05}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} - 5\mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)} - 5\mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{24}^{(2)}$$
$$-10\mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} + \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{50}^{(2)}\mu_{06}^{(2)} - 5\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{41}^{(2)}\mu_{15}^{(2)}$$
$$+10\mu_{02}^{(1)}\mu_{33}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)} + 10\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{32}^{(2)}\mu_{24}^{(2)} + 10\mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{33}^{(2)}$$
$$+10\mu_{02}^{(1)}\mu_{33}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} - 10\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{23}^{(2)}\mu_{33}^{(2)} + 5\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{14}^{(2)}\mu_{42}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{05}^{(2)}\mu_{51}^{(2)} - \mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{50}^{(2)}\mu_{15}^{(2)} + 5\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{41}^{(2)}\mu_{24}^{(2)}$$
$$-10\mu_{02}^{(1)}\mu_{24}^{(1)}\mu_{30}^{(2)}\mu_{32}^{(2)} - 10\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{32}^{(2)}\mu_{33}^{(2)} - 10\mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{42}^{(2)}$$
$$-5\mu_{02}^{(1)}\mu_{24}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} + 10\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{23}^{(2)}\mu_{42}^{(2)} - 5\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{14}^{(2)}\mu_{51}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{05}^{(2)}\mu_{60}^{(2)} + 5\mu_{02}^{(1)}\mu_{15}^{(1)}\mu_{30}^{(2)}\mu_{41}^{(2)} + 5\mu_{03}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{51}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{15}^{(1)}\mu_{21}^{(2)}\mu_{50}^{(2)} - \mu_{02}^{(1)}\mu_{06}^{(1)}\mu_{30}^{(2)}\mu_{50}^{(2)} - \mu_{03}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{60}^{(2)}$$

weight=8

structure: 1,1,0,1,1

Generating graph:

1	1	1	1	1	1	2	2		1	3
2	3	3	3	3	3	4	4		2	4

$$
\begin{aligned}
V_{41} \;=\; & -\mu_{30}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{05}^{(2)} - \mu_{30}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{06}^{(2)} + 5\mu_{30}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{14}^{(2)} \\
& +5\mu_{30}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{15}^{(2)} - 10\mu_{30}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} - 10\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{24}^{(2)} \\
& +10\mu_{30}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)} + 10\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{33}^{(2)} - 5\mu_{30}^{(1)}\mu_{15}^{(1)}\mu_{02}^{(2)}\mu_{41}^{(2)} \\
& -5\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{42}^{(2)} + \mu_{30}^{(1)}\mu_{06}^{(1)}\mu_{02}^{(2)}\mu_{50}^{(2)} + \mu_{30}^{(1)}\mu_{05}^{(1)}\mu_{02}^{(2)}\mu_{51}^{(2)} \\
& +\mu_{21}^{(1)}\mu_{60}^{(1)}\mu_{02}^{(2)}\mu_{05}^{(2)} - \mu_{20}^{(1)}\mu_{60}^{(1)}\mu_{03}^{(2)}\mu_{05}^{(2)} + 2\mu_{21}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{05}^{(2)} \\
& +2\mu_{21}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{06}^{(2)} + \mu_{20}^{(1)}\mu_{51}^{(1)}\mu_{12}^{(2)}\mu_{05}^{(2)} + \mu_{20}^{(1)}\mu_{50}^{(1)}\mu_{12}^{(2)}\mu_{06}^{(2)} \\
& -5\mu_{21}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{14}^{(2)} + \mu_{21}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{15}^{(2)} + 5\mu_{20}^{(1)}\mu_{51}^{(1)}\mu_{03}^{(2)}\mu_{14}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{50}^{(1)}\mu_{03}^{(2)}\mu_{15}^{(2)} - 10\mu_{21}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} - 10\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{15}^{(2)} \\
& -5\mu_{20}^{(1)}\mu_{42}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} - 5\mu_{20}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{15}^{(2)} + 10\mu_{21}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} \\
& -5\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{24}^{(2)} - 10\mu_{20}^{(1)}\mu_{42}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)} + 5\mu_{20}^{(1)}\mu_{41}^{(1)}\mu_{03}^{(2)}\mu_{24}^{(2)} \\
& +20\mu_{21}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} + 20\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{24}^{(2)} + 10\mu_{20}^{(1)}\mu_{33}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} \\
& +10\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{24}^{(2)} - 10\mu_{21}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)} + 10\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{33}^{(2)} \\
& +10\mu_{20}^{(1)}\mu_{33}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} - 10\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{03}^{(2)}\mu_{33}^{(2)} - 20\mu_{21}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} \\
& -20\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{33}^{(2)} - 10\mu_{20}^{(1)}\mu_{24}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} - 10\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{33}^{(2)} \\
& +5\mu_{21}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{41}^{(2)} - 10\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{42}^{(2)} - 5\mu_{20}^{(1)}\mu_{24}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} \\
& +10\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{03}^{(2)}\mu_{42}^{(2)} + 10\mu_{21}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} + 10\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{42}^{(2)} \\
& +5\mu_{20}^{(1)}\mu_{15}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} + 5\mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{12}^{(2)}\mu_{42}^{(2)} - \mu_{21}^{(1)}\mu_{15}^{(1)}\mu_{02}^{(2)}\mu_{50}^{(2)} \\
& +5\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{51}^{(2)} + \mu_{20}^{(1)}\mu_{15}^{(1)}\mu_{03}^{(2)}\mu_{50}^{(2)} - 5\mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{03}^{(2)}\mu_{51}^{(2)} \\
& -2\mu_{21}^{(1)}\mu_{06}^{(1)}\mu_{11}^{(2)}\mu_{50}^{(2)} - 2\mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{51}^{(2)} - \mu_{20}^{(1)}\mu_{06}^{(1)}\mu_{12}^{(2)}\mu_{50}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{05}^{(1)}\mu_{12}^{(2)}\mu_{51}^{(2)} - \mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{02}^{(2)}\mu_{60}^{(2)} + \mu_{20}^{(1)}\mu_{05}^{(1)}\mu_{03}^{(2)}\mu_{60}^{(2)} \\
& -2\mu_{12}^{(1)}\mu_{60}^{(1)}\mu_{11}^{(2)}\mu_{05}^{(2)} + 2\mu_{11}^{(1)}\mu_{60}^{(1)}\mu_{12}^{(2)}\mu_{05}^{(2)} - \mu_{12}^{(1)}\mu_{51}^{(1)}\mu_{20}^{(2)}\mu_{05}^{(2)} \\
& -\mu_{12}^{(1)}\mu_{50}^{(1)}\mu_{20}^{(2)}\mu_{06}^{(2)} - 2\mu_{11}^{(1)}\mu_{51}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} - 2\mu_{11}^{(1)}\mu_{50}^{(1)}\mu_{21}^{(2)}\mu_{06}^{(2)} \\
& +10\mu_{12}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} - 2\mu_{12}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{15}^{(2)} - 10\mu_{11}^{(1)}\mu_{51}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{50}^{(1)}\mu_{12}^{(2)}\mu_{15}^{(2)} + 5\mu_{12}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{14}^{(2)} + 5\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{15}^{(2)} \\
& +10\mu_{11}^{(1)}\mu_{42}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} + 10\mu_{11}^{(1)}\mu_{41}^{(1)}\mu_{21}^{(2)}\mu_{15}^{(2)} - 20\mu_{12}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} \\
& +10\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{24}^{(2)} + 20\mu_{11}^{(1)}\mu_{42}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} - 10\mu_{11}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{24}^{(2)} \\
& -10\mu_{12}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)} - 10\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{24}^{(2)} - 20\mu_{11}^{(1)}\mu_{33}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} \\
& -20\mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{24}^{(2)} + 20\mu_{12}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} - 20\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{33}^{(2)} \\
& -20\mu_{11}^{(1)}\mu_{33}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} + 20\mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{33}^{(2)} + 10\mu_{12}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)} \\
& +10\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{33}^{(2)} + 20\mu_{11}^{(1)}\mu_{24}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} + 20\mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{33}^{(2)} \\
& -10\mu_{12}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} + 20\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{42}^{(2)} + 10\mu_{11}^{(1)}\mu_{24}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} \\
& -20\mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{42}^{(2)} - 5\mu_{12}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{41}^{(2)} - 5\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{42}^{(2)} \\
& -10\mu_{11}^{(1)}\mu_{15}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} - 10\mu_{11}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{42}^{(2)} + 2\mu_{12}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{50}^{(2)} \\
& -10\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{51}^{(2)} - 2\mu_{11}^{(1)}\mu_{15}^{(1)}\mu_{12}^{(2)}\mu_{50}^{(2)} + 10\mu_{11}^{(1)}\mu_{14}^{(1)}\mu_{12}^{(2)}\mu_{51}^{(2)} \\
& +\mu_{12}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{50}^{(2)} + \mu_{12}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{51}^{(2)} + 2\mu_{11}^{(1)}\mu_{06}^{(1)}\mu_{21}^{(2)}\mu_{50}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{05}^{(1)}\mu_{21}^{(2)}\mu_{51}^{(2)} + 2\mu_{12}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{60}^{(2)} - 2\mu_{11}^{(1)}\mu_{05}^{(1)}\mu_{12}^{(2)}\mu_{60}^{(2)} \\
& +\mu_{03}^{(1)}\mu_{60}^{(1)}\mu_{20}^{(2)}\mu_{05}^{(2)} - \mu_{02}^{(1)}\mu_{60}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} + \mu_{02}^{(1)}\mu_{51}^{(1)}\mu_{30}^{(2)}\mu_{05}^{(2)} \\
& +\mu_{02}^{(1)}\mu_{50}^{(1)}\mu_{30}^{(2)}\mu_{06}^{(2)} - 5\mu_{03}^{(1)}\mu_{51}^{(1)}\mu_{20}^{(2)}\mu_{14}^{(2)} + \mu_{03}^{(1)}\mu_{50}^{(1)}\mu_{20}^{(2)}\mu_{15}^{(2)} \\
& +5\mu_{02}^{(1)}\mu_{51}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} - \mu_{02}^{(1)}\mu_{50}^{(1)}\mu_{21}^{(2)}\mu_{15}^{(2)} - 5\mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)}
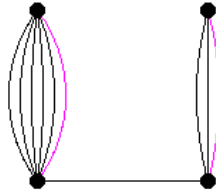\end{aligned}
$$

$$-5\mu_{02}^{(1)}\mu_{41}^{(1)}\mu_{30}^{(2)}\mu_{15}^{(2)} + 10\mu_{03}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)} - 5\mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{24}^{(2)}$$
$$-10\mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} + 5\mu_{02}^{(1)}\mu_{41}^{(1)}\mu_{21}^{(2)}\mu_{24}^{(2)} + 10\mu_{02}^{(1)}\mu_{33}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)}$$
$$+10\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{30}^{(2)}\mu_{24}^{(2)} - 10\mu_{03}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)} + 10\mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{33}^{(2)}$$
$$+10\mu_{02}^{(1)}\mu_{33}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} - 10\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{33}^{(2)} - 10\mu_{02}^{(1)}\mu_{24}^{(1)}\mu_{30}^{(2)}\mu_{32}^{(2)}$$
$$-10\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{33}^{(2)} + 5\mu_{03}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{41}^{(2)} - 10\mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{42}^{(2)}$$
$$-5\mu_{02}^{(1)}\mu_{24}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} + 10\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{42}^{(2)} + 5\mu_{02}^{(1)}\mu_{15}^{(1)}\mu_{30}^{(2)}\mu_{41}^{(2)}$$
$$+5\mu_{02}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{42}^{(2)} - \mu_{03}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{50}^{(2)} + 5\mu_{03}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{51}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{15}^{(1)}\mu_{21}^{(2)}\mu_{50}^{(2)} - 5\mu_{02}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{51}^{(2)} - \mu_{02}^{(1)}\mu_{06}^{(1)}\mu_{30}^{(2)}\mu_{50}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{05}^{(1)}\mu_{30}^{(2)}\mu_{51}^{(2)} - \mu_{03}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{60}^{(2)} + \mu_{02}^{(1)}\mu_{05}^{(1)}\mu_{21}^{(2)}\mu_{60}^{(2)}$$

weight=8

structure: 1,1,0,1,1

Generating graph:

$$\begin{matrix} 1 & 1 & 1 & 1 & 1 & 1 & 2 & 2 & & 1 & 2 \\ 2 & 3 & 3 & 3 & 3 & 3 & 4 & 4 & & 3 & 4 \end{matrix}$$

$$
\begin{aligned}
V_{42} =\ & 2\mu_{40}^{(1)}\mu_{24}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} - 2\mu_{40}^{(1)}\mu_{24}^{(1)}(\mu_{12}^{(2)})^2 - 2\mu_{40}^{(1)}\mu_{15}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} \\
& +2\mu_{40}^{(1)}\mu_{15}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} + 2\mu_{40}^{(1)}\mu_{06}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} - 2\mu_{40}^{(1)}\mu_{06}^{(1)}(\mu_{21}^{(2)})^2 \\
& +\mu_{30}^{(1)}\mu_{51}^{(1)}\mu_{03}^{(2)}\mu_{04}^{(2)} - \mu_{30}^{(1)}\mu_{42}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)} - \mu_{30}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{06}^{(2)} \\
& -4\mu_{30}^{(1)}\mu_{42}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} + \mu_{30}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{15}^{(2)} - 8\mu_{31}^{(1)}\mu_{33}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} \\
& +8\mu_{31}^{(1)}\mu_{33}^{(1)}(\mu_{12}^{(2)})^2 + 4\mu_{30}^{(1)}\mu_{33}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} + 4\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{12}^{(2)}\mu_{15}^{(2)} \\
& +6\mu_{30}^{(1)}\mu_{33}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} - 4\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{24}^{(2)} + 8\mu_{31}^{(1)}\mu_{24}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} \\
& -8\mu_{31}^{(1)}\mu_{24}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} - 6\mu_{30}^{(1)}\mu_{24}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} - 6\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{24}^{(2)} \\
& -4\mu_{30}^{(1)}\mu_{24}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} + 6\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{33}^{(2)} + 2\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{40}^{(2)}\mu_{06}^{(2)} \\
& -8\mu_{31}^{(1)}\mu_{15}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} - 8\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{31}^{(2)}\mu_{15}^{(2)} + 8\mu_{31}^{(1)}\mu_{15}^{(1)}(\mu_{21}^{(2)})^2 \\
& +12\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{22}^{(2)}\mu_{24}^{(2)} + 4\mu_{30}^{(1)}\mu_{15}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} + 4\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{33}^{(2)} \\
& -8\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{13}^{(2)}\mu_{33}^{(2)} + \mu_{30}^{(1)}\mu_{15}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} - 4\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{03}^{(2)}\mu_{42}^{(2)} \\
& +2\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{04}^{(2)}\mu_{42}^{(2)} - 2\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{40}^{(2)}\mu_{15}^{(2)} + 8\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{31}^{(2)}\mu_{24}^{(2)} \\
& -12\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{22}^{(2)}\mu_{33}^{(2)} - \mu_{30}^{(1)}\mu_{06}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} - \mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{12}^{(2)}\mu_{42}^{(2)} \\
& +8\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{13}^{(2)}\mu_{42}^{(2)} + \mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{03}^{(2)}\mu_{51}^{(2)} - 2\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{04}^{(2)}\mu_{51}^{(2)} \\
& -\mu_{21}^{(1)}\mu_{60}^{(1)}\mu_{03}^{(2)}\mu_{04}^{(2)} - \mu_{21}^{(1)}\mu_{51}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)} + 4\mu_{21}^{(1)}\mu_{51}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} \\
& +12\mu_{22}^{(1)}\mu_{42}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} + 2\mu_{21}^{(1)}\mu_{42}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} + 2\mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{21}^{(2)}\mu_{06}^{(2)} \\
& -12\mu_{22}^{(1)}\mu_{42}^{(1)}(\mu_{12}^{(2)})^2 + 4\mu_{21}^{(1)}\mu_{42}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} - \mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{15}^{(2)} \\
& -6\mu_{21}^{(1)}\mu_{42}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} - \mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{24}^{(2)} - 12\mu_{22}^{(1)}\mu_{33}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} \\
& +12\mu_{22}^{(1)}\mu_{33}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} - 8\mu_{21}^{(1)}\mu_{33}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} - 8\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{15}^{(2)} \\
& -6\mu_{21}^{(1)}\mu_{33}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} + 4\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{12}^{(2)}\mu_{24}^{(2)} + 4\mu_{21}^{(1)}\mu_{33}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} \\
& +4\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{33}^{(2)} - 2(\mu_{21}^{(1)})^2\mu_{40}^{(2)}\mu_{06}^{(2)} + 12\mu_{22}^{(1)}\mu_{24}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} \\
& +8(\mu_{21}^{(1)})^2\mu_{31}^{(2)}\mu_{15}^{(2)} - 12\mu_{22}^{(1)}\mu_{24}^{(1)}(\mu_{21}^{(2)})^2 + 12\mu_{21}^{(1)}\mu_{24}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} \\
& +12\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{24}^{(2)} - 12(\mu_{21}^{(1)})^2\mu_{22}^{(2)}\mu_{24}^{(2)} + 4\mu_{21}^{(1)}\mu_{24}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} \\
& -6\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{33}^{(2)} + 8(\mu_{21}^{(1)})^2\mu_{13}^{(2)}\mu_{33}^{(2)} - \mu_{21}^{(1)}\mu_{24}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} \\
& -6\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{42}^{(2)} - 2(\mu_{21}^{(1)})^2\mu_{04}^{(2)}\mu_{42}^{(2)} + 2\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{40}^{(2)}\mu_{15}^{(2)} \\
& -8\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{31}^{(2)}\mu_{24}^{(2)} - 8\mu_{21}^{(1)}\mu_{15}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} - 8\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{21}^{(2)}\mu_{33}^{(2)} \\
& +12\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{22}^{(2)}\mu_{33}^{(2)} - \mu_{21}^{(1)}\mu_{15}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} + 4\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{42}^{(2)} \\
& -8\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{13}^{(2)}\mu_{42}^{(2)} + 4\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{03}^{(2)}\mu_{51}^{(2)} + 2\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{04}^{(2)}\mu_{51}^{(2)} \\
& +2\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{40}^{(2)}\mu_{24}^{(2)} - 8\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{31}^{(2)}\mu_{33}^{(2)} + 2\mu_{21}^{(1)}\mu_{06}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)} \\
& +2\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{42}^{(2)} + 12\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{22}^{(2)}\mu_{42}^{(2)} - \mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{12}^{(2)}\mu_{51}^{(2)} \\
& -8\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{13}^{(2)}\mu_{51}^{(2)} - \mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{03}^{(2)}\mu_{60}^{(2)} + 2\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{04}^{(2)}\mu_{60}^{(2)} \\
& +2\mu_{12}^{(1)}\mu_{60}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)} - 8\mu_{12}^{(1)}\mu_{51}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} - \mu_{12}^{(1)}\mu_{51}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} \\
& +8\mu_{13}^{(1)}\mu_{51}^{(1)}(\mu_{12}^{(2)})^2 - 8\mu_{12}^{(1)}\mu_{51}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} + 8\mu_{13}^{(1)}\mu_{42}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} \\
& -\mu_{12}^{(1)}\mu_{42}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} - \mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{30}^{(2)}\mu_{06}^{(2)} - 8\mu_{13}^{(1)}\mu_{42}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} \\
& +4\mu_{12}^{(1)}\mu_{42}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} - \mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{21}^{(2)}\mu_{15}^{(2)} + 12\mu_{12}^{(1)}\mu_{42}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} \\
& +2\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{24}^{(2)} - 8\mu_{13}^{(1)}\mu_{33}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} + 4\mu_{12}^{(1)}\mu_{33}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} \\
& +4\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{30}^{(2)}\mu_{15}^{(2)} + 8\mu_{13}^{(1)}\mu_{33}^{(1)}(\mu_{21}^{(2)})^2 - 6\mu_{12}^{(1)}\mu_{33}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} \\
& +4\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{24}^{(2)} - 8\mu_{12}^{(1)}\mu_{33}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} - 8\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{12}^{(2)}\mu_{33}^{(2)} \\
& -6\mu_{12}^{(1)}\mu_{24}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} - 6\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{24}^{(2)} + 4\mu_{12}^{(1)}\mu_{24}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)}
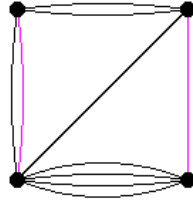\end{aligned}
$$

$$-6\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{33}^{(2)} + 2\mu_{12}^{(1)}\mu_{24}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} + 12\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{42}^{(2)}$$
$$-2(\mu_{12}^{(1)})^2\mu_{40}^{(2)}\mu_{24}^{(2)} + 4\mu_{12}^{(1)}\mu_{15}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} + 4\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{33}^{(2)}$$
$$+8(\mu_{12}^{(1)})^2\mu_{31}^{(2)}\mu_{33}^{(2)} - \mu_{12}^{(1)}\mu_{15}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)} + 4\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{21}^{(2)}\mu_{42}^{(2)}$$
$$-12(\mu_{12}^{(1)})^2\mu_{22}^{(2)}\mu_{42}^{(2)} - 8\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{51}^{(2)} + 8(\mu_{12}^{(1)})^2\mu_{13}^{(2)}\mu_{51}^{(2)} - 2(\mu_{12}^{(1)})^2\mu_{04}^{(2)}\mu_{60}^{(2)}$$
$$-\mu_{12}^{(1)}\mu_{06}^{(1)}\mu_{30}^{(2)}\mu_{40}^{(2)} - \mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{42}^{(2)} - \mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{51}^{(2)}$$
$$+2\mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{12}^{(2)}\mu_{60}^{(2)} + 2\mu_{04}^{(1)}\mu_{60}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} - \mu_{03}^{(1)}\mu_{60}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)}$$
$$-2\mu_{04}^{(1)}\mu_{60}^{(1)}(\mu_{12}^{(2)})^2 - 2\mu_{04}^{(1)}\mu_{51}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} + \mu_{03}^{(1)}\mu_{51}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)}$$
$$+2\mu_{04}^{(1)}\mu_{51}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} + 4\mu_{03}^{(1)}\mu_{51}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} + 2\mu_{04}^{(1)}\mu_{42}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)}$$
$$-4\mu_{03}^{(1)}\mu_{42}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} + \mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{30}^{(2)}\mu_{15}^{(2)} - 2\mu_{04}^{(1)}\mu_{42}^{(1)}(\mu_{21}^{(2)})^2$$
$$-6\mu_{03}^{(1)}\mu_{42}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} - \mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{21}^{(2)}\mu_{24}^{(2)} + 6\mu_{03}^{(1)}\mu_{33}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)}$$
$$-4\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{30}^{(2)}\mu_{24}^{(2)} + 4\mu_{03}^{(1)}\mu_{33}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} + 4\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{33}^{(2)}$$
$$-4\mu_{03}^{(1)}\mu_{24}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} + 6\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{33}^{(2)} - \mu_{03}^{(1)}\mu_{24}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)}$$
$$-6\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{42}^{(2)} + \mu_{03}^{(1)}\mu_{15}^{(1)}\mu_{30}^{(2)}\mu_{40}^{(2)} - 4\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{42}^{(2)}$$
$$+4\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{21}^{(2)}\mu_{51}^{(2)} + \mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{51}^{(2)} - \mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{60}^{(2)}$$

weight=8

structure: 0,2,1,0,1

Generating graph:

1	1	1	1	1	1	2	2		1	3
2	3	3	3	3	4	4	4		2	4

$$
\begin{aligned}
V_{43} \;=\; & -(\mu_{40}^{(1)})^2\mu_{02}^{(2)}\mu_{06}^{(2)} + 2\mu_{40}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{06}^{(2)} + 6\mu_{40}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{15}^{(2)} \\
& +\mu_{40}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} - \mu_{40}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{06}^{(2)} - 2\mu_{40}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} \\
& -4\mu_{40}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{15}^{(2)} + \mu_{40}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} - 7\mu_{40}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{24}^{(2)} \\
& -2\mu_{40}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} + 2\mu_{40}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{15}^{(2)} + 4\mu_{40}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} \\
& +2\mu_{40}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{24}^{(2)} - 2\mu_{40}^{(1)}\mu_{15}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} + 4\mu_{40}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{33}^{(2)} \\
& +\mu_{40}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} - \mu_{40}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{24}^{(2)} - 2\mu_{40}^{(1)}\mu_{06}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} \\
& +\mu_{40}^{(1)}\mu_{06}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} - \mu_{40}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{42}^{(2)} - 4\mu_{31}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} \\
& +8\mu_{31}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} - 8(\mu_{31}^{(1)})^2\mu_{11}^{(2)}\mu_{15}^{(2)} - 4\mu_{31}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} \\
& -8(\mu_{31}^{(1)})^2\mu_{02}^{(2)}\mu_{24}^{(2)} + 8\mu_{31}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} + 4\mu_{31}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{15}^{(2)} \\
& -16\mu_{31}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} + 28\mu_{31}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{24}^{(2)} + 8\mu_{31}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} \\
& +16\mu_{31}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{33}^{(2)} - 4\mu_{31}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} - 8\mu_{31}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{24}^{(2)} \\
& +8\mu_{31}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} - 16\mu_{31}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{33}^{(2)} - 4\mu_{31}^{(1)}\mu_{15}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} \\
& -8\mu_{31}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{42}^{(2)} + 4\mu_{31}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{33}^{(2)} + 2\mu_{31}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{42}^{(2)} \\
& +2\mu_{31}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{51}^{(2)} - \mu_{20}^{(1)}\mu_{60}^{(1)}(\mu_{04}^{(2)})^2 + 6\mu_{20}^{(1)}\mu_{51}^{(1)}\mu_{13}^{(2)}\mu_{04}^{(2)} \\
& +6\mu_{22}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} - 7\mu_{20}^{(1)}\mu_{42}^{(1)}\mu_{22}^{(2)}\mu_{04}^{(2)} - 12\mu_{22}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} \\
& -8\mu_{20}^{(1)}\mu_{42}^{(1)}(\mu_{13}^{(2)})^2 + 6\mu_{22}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} + 4\mu_{20}^{(1)}\mu_{33}^{(1)}\mu_{31}^{(2)}\mu_{04}^{(2)} \\
& -12\mu_{22}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} + 16\mu_{20}^{(1)}\mu_{33}^{(1)}\mu_{22}^{(2)}\mu_{13}^{(2)} + 24\mu_{22}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} \\
& -12\mu_{22}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} - \mu_{20}^{(1)}\mu_{24}^{(1)}\mu_{40}^{(2)}\mu_{04}^{(2)} + \mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{40}^{(2)}\mu_{06}^{(2)} \\
& -8\mu_{20}^{(1)}\mu_{24}^{(1)}\mu_{31}^{(2)}\mu_{13}^{(2)} - 4\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{31}^{(2)}\mu_{15}^{(2)} + 6\mu_{22}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} \\
& -6(\mu_{22}^{(1)})^2\mu_{20}^{(2)}\mu_{24}^{(2)} - 6\mu_{20}^{(1)}\mu_{24}^{(1)}(\mu_{22}^{(2)})^2 + 6\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{22}^{(2)}\mu_{24}^{(2)} \\
& -12\mu_{22}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} - 24(\mu_{22}^{(1)})^2\mu_{11}^{(2)}\mu_{33}^{(2)} - 4\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{13}^{(2)}\mu_{33}^{(2)} \\
& +6\mu_{22}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} - 6(\mu_{22}^{(1)})^2\mu_{02}^{(2)}\mu_{42}^{(2)} + \mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{04}^{(2)}\mu_{42}^{(2)} \\
& +2\mu_{20}^{(1)}\mu_{15}^{(1)}\mu_{40}^{(2)}\mu_{13}^{(2)} - 2\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{40}^{(2)}\mu_{15}^{(2)} + 4\mu_{20}^{(1)}\mu_{15}^{(1)}\mu_{31}^{(2)}\mu_{22}^{(2)} \\
& +8\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{31}^{(2)}\mu_{24}^{(2)} + 16\mu_{22}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{33}^{(2)} - 12\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{22}^{(2)}\mu_{33}^{(2)} \\
& +28\mu_{22}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{42}^{(2)} + 8\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{13}^{(2)}\mu_{42}^{(2)} + 4\mu_{22}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{51}^{(2)} \\
& -2\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{04}^{(2)}\mu_{51}^{(2)} - \mu_{20}^{(1)}\mu_{06}^{(1)}\mu_{40}^{(2)}\mu_{22}^{(2)} + \mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{40}^{(2)}\mu_{24}^{(2)} \\
& -4\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{31}^{(2)}\mu_{33}^{(2)} - 7\mu_{22}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{42}^{(2)} + 6\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{22}^{(2)}\mu_{42}^{(2)} \\
& -4\mu_{22}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{51}^{(2)} - 4\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{13}^{(2)}\mu_{51}^{(2)} - \mu_{22}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{60}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{04}^{(2)}\mu_{60}^{(2)} + 2\mu_{11}^{(1)}\mu_{60}^{(1)}\mu_{13}^{(2)}\mu_{04}^{(2)} - 4\mu_{13}^{(1)}\mu_{51}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} \\
& -4\mu_{11}^{(1)}\mu_{51}^{(1)}\mu_{22}^{(2)}\mu_{04}^{(2)} + 8\mu_{13}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} - 8\mu_{11}^{(1)}\mu_{51}^{(1)}(\mu_{13}^{(2)})^2 \\
& -4\mu_{13}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} + 2\mu_{11}^{(1)}\mu_{42}^{(1)}\mu_{31}^{(2)}\mu_{04}^{(2)} + 8\mu_{13}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} \\
& +28\mu_{11}^{(1)}\mu_{42}^{(1)}\mu_{22}^{(2)}\mu_{13}^{(2)} - 16\mu_{13}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} + 8\mu_{13}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{40}^{(2)}\mu_{06}^{(2)} - 16\mu_{11}^{(1)}\mu_{33}^{(1)}\mu_{31}^{(2)}\mu_{13}^{(2)} + 8\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{31}^{(2)}\mu_{15}^{(2)} \\
& -4\mu_{13}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} - 24\mu_{11}^{(1)}\mu_{33}^{(1)}(\mu_{22}^{(2)})^2 - 12\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{22}^{(2)}\mu_{24}^{(2)} \\
& +8\mu_{13}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} + 8\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{13}^{(2)}\mu_{33}^{(2)} - 4\mu_{13}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{04}^{(2)}\mu_{42}^{(2)} + 2\mu_{11}^{(1)}\mu_{24}^{(1)}\mu_{40}^{(2)}\mu_{13}^{(2)} + 4\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{40}^{(2)}\mu_{15}^{(2)} \\
& +28\mu_{11}^{(1)}\mu_{24}^{(1)}\mu_{31}^{(2)}\mu_{22}^{(2)} - 16\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{31}^{(2)}\mu_{24}^{(2)} + 24\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{22}^{(2)}\mu_{33}^{(2)} \\
& -16\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{13}^{(2)}\mu_{42}^{(2)} + 4\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{04}^{(2)}\mu_{51}^{(2)} - 4\mu_{11}^{(1)}\mu_{15}^{(1)}\mu_{40}^{(2)}\mu_{22}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{40}^{(2)}\mu_{24}^{(2)} - 8\mu_{11}^{(1)}\mu_{15}^{(1)}(\mu_{31}^{(2)})^2 + 8\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{31}^{(2)}\mu_{33}^{(2)}
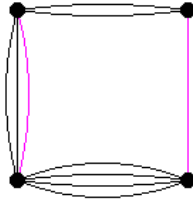\end{aligned}
$$

$$-8(\mu_{13}^{(1)})^2\mu_{20}^{(2)}\mu_{42}^{(2)} - 12\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{22}^{(2)}\mu_{42}^{(2)} - 8(\mu_{13}^{(1)})^2\mu_{11}^{(2)}\mu_{51}^{(2)}$$
$$+8\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{13}^{(2)}\mu_{51}^{(2)} - 2\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{04}^{(2)}\mu_{60}^{(2)} + 2\mu_{11}^{(1)}\mu_{06}^{(1)}\mu_{40}^{(2)}\mu_{31}^{(2)}$$
$$+6\mu_{13}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{51}^{(2)} + 2\mu_{13}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{60}^{(2)} + \mu_{04}^{(1)}\mu_{60}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{60}^{(1)}\mu_{22}^{(2)}\mu_{04}^{(2)} - 2\mu_{04}^{(1)}\mu_{60}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} + \mu_{04}^{(1)}\mu_{60}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)}$$
$$+2\mu_{02}^{(1)}\mu_{51}^{(1)}\mu_{31}^{(2)}\mu_{04}^{(2)} - 2\mu_{04}^{(1)}\mu_{51}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} + 4\mu_{02}^{(1)}\mu_{51}^{(1)}\mu_{22}^{(2)}\mu_{13}^{(2)}$$
$$+4\mu_{04}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} - 2\mu_{04}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} - \mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{40}^{(2)}\mu_{04}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{40}^{(2)}\mu_{06}^{(2)} - 8\mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{31}^{(2)}\mu_{13}^{(2)} - 4\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{31}^{(2)}\mu_{15}^{(2)}$$
$$+\mu_{04}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} - 6\mu_{02}^{(1)}\mu_{42}^{(1)}(\mu_{22}^{(2)})^2 + 6\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{22}^{(2)}\mu_{24}^{(2)}$$
$$-2\mu_{04}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} - 4\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{13}^{(2)}\mu_{33}^{(2)} + \mu_{04}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{04}^{(2)}\mu_{42}^{(2)} + 4\mu_{02}^{(1)}\mu_{33}^{(1)}\mu_{40}^{(2)}\mu_{13}^{(2)} - 2\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{40}^{(2)}\mu_{15}^{(2)}$$
$$+16\mu_{02}^{(1)}\mu_{33}^{(1)}\mu_{31}^{(2)}\mu_{22}^{(2)} + 8\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{31}^{(2)}\mu_{24}^{(2)} - 12\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{22}^{(2)}\mu_{33}^{(2)}$$
$$+8\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{13}^{(2)}\mu_{42}^{(2)} - 2\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{04}^{(2)}\mu_{51}^{(2)} - 7\mu_{02}^{(1)}\mu_{24}^{(1)}\mu_{40}^{(2)}\mu_{22}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{40}^{(2)}\mu_{24}^{(2)} - 8\mu_{02}^{(1)}\mu_{24}^{(1)}(\mu_{31}^{(2)})^2 - 4\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{31}^{(2)}\mu_{33}^{(2)}$$
$$+6\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{22}^{(2)}\mu_{42}^{(2)} - 4\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{13}^{(2)}\mu_{51}^{(2)} + \mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{04}^{(2)}\mu_{60}^{(2)}$$
$$+6\mu_{02}^{(1)}\mu_{15}^{(1)}\mu_{40}^{(2)}\mu_{31}^{(2)} - \mu_{02}^{(1)}\mu_{06}^{(1)}(\mu_{40}^{(2)})^2 - (\mu_{04}^{(1)})^2\mu_{20}^{(2)}\mu_{60}^{(2)}$$

weight=8
structure: 1,0,2,0,1
Generating graph:

1	1	1	1	1	1	2	2		1	3
2	2	3	3	3	3	4	4		2	4

$$\begin{aligned}
V_{44} = \; & \mu_{40}^{(1)}\mu_{42}^{(1)}(\mu_{03}^{(2)})^2 - 4\mu_{40}^{(1)}\mu_{33}^{(1)}\mu_{12}^{(2)}\mu_{03}^{(2)} + 3\mu_{40}^{(1)}\mu_{24}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} \\
& + 3\mu_{40}^{(1)}\mu_{24}^{(1)}(\mu_{12}^{(2)})^2 - \mu_{40}^{(1)}\mu_{15}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} - 3\mu_{40}^{(1)}\mu_{15}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} \\
& + \mu_{40}^{(1)}\mu_{06}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} - 2\mu_{31}^{(1)}\mu_{51}^{(1)}(\mu_{03}^{(2)})^2 + \mu_{30}^{(1)}\mu_{51}^{(1)}\mu_{03}^{(2)}\mu_{04}^{(2)} \\
& + 6\mu_{31}^{(1)}\mu_{42}^{(1)}\mu_{12}^{(2)}\mu_{03}^{(2)} - 3\mu_{30}^{(1)}\mu_{42}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)} - \mu_{30}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{06}^{(2)} \\
& - 2\mu_{30}^{(1)}\mu_{42}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} + \mu_{30}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{15}^{(2)} - 4\mu_{31}^{(1)}\mu_{33}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} \\
& + 3\mu_{30}^{(1)}\mu_{33}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} + 2\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{06}^{(2)} + (\mu_{30}^{(1)})^2\mu_{22}^{(2)}\mu_{06}^{(2)} \\
& + 6\mu_{30}^{(1)}\mu_{33}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} - 2(\mu_{30}^{(1)})^2\mu_{13}^{(2)}\mu_{15}^{(2)} + \mu_{30}^{(1)}\mu_{33}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} \\
& - 2\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{24}^{(2)} + (\mu_{30}^{(1)})^2\mu_{04}^{(2)}\mu_{24}^{(2)} + 2\mu_{31}^{(1)}\mu_{24}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} \\
& - \mu_{30}^{(1)}\mu_{24}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} - \mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{06}^{(2)} - 2\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{31}^{(2)}\mu_{06}^{(2)} \\
& - 6\mu_{31}^{(1)}\mu_{24}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} - 6\mu_{30}^{(1)}\mu_{24}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} - 3\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{15}^{(2)} \\
& - 3\mu_{30}^{(1)}\mu_{24}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} + 3\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{24}^{(2)} + 6\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{13}^{(2)}\mu_{24}^{(2)} \\
& + \mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{33}^{(2)} - 4\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{04}^{(2)}\mu_{33}^{(2)} + \mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{40}^{(2)}\mu_{06}^{(2)} \\
& + 2\mu_{30}^{(1)}\mu_{15}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} + 2\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{15}^{(2)} + 6\mu_{31}^{(1)}\mu_{15}^{(1)}(\mu_{21}^{(2)})^2 \\
& + 3\mu_{30}^{(1)}\mu_{15}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} - 2\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{33}^{(2)} - 4\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{13}^{(2)}\mu_{33}^{(2)} \\
& + 3\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{04}^{(2)}\mu_{42}^{(2)} - \mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{40}^{(2)}\mu_{15}^{(2)} - 2\mu_{31}^{(1)}\mu_{06}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)} \\
& - \mu_{30}^{(1)}\mu_{06}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} - \mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{24}^{(2)} + 2\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{31}^{(2)}\mu_{24}^{(2)} \\
& + \mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{33}^{(2)} - 2\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{22}^{(2)}\mu_{33}^{(2)} + 2\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{13}^{(2)}\mu_{42}^{(2)} \\
& - \mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{04}^{(2)}\mu_{51}^{(2)} + \mu_{22}^{(1)}\mu_{60}^{(1)}(\mu_{03}^{(2)})^2 - \mu_{21}^{(1)}\mu_{60}^{(1)}\mu_{03}^{(2)}\mu_{04}^{(2)} \\
& + 3\mu_{21}^{(1)}\mu_{51}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)} - 3\mu_{21}^{(1)}\mu_{42}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} - 9\mu_{22}^{(1)}\mu_{42}^{(1)}(\mu_{12}^{(2)})^2 \\
& + 3\mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{15}^{(2)} + 3\mu_{21}^{(1)}\mu_{42}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} - 3\mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{24}^{(2)} \\
& - 2\mu_{22}^{(1)}\mu_{33}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} + \mu_{21}^{(1)}\mu_{33}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} + 18\mu_{22}^{(1)}\mu_{33}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} \\
& - 6\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{15}^{(2)} - 9\mu_{21}^{(1)}\mu_{33}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} - 2\mu_{21}^{(1)}\mu_{33}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} \\
& + 6\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{33}^{(2)} + 3\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{15}^{(2)} + 6(\mu_{21}^{(1)})^2\mu_{31}^{(2)}\mu_{15}^{(2)} \\
& - 9\mu_{22}^{(1)}\mu_{24}^{(1)}(\mu_{21}^{(2)})^2 + 9\mu_{21}^{(1)}\mu_{24}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} + 9\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{24}^{(2)} \\
& - 9(\mu_{21}^{(1)})^2\mu_{22}^{(2)}\mu_{24}^{(2)} + 6\mu_{21}^{(1)}\mu_{24}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} - 9\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{33}^{(2)} \\
& - 3\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{42}^{(2)} + 3(\mu_{21}^{(1)})^2\mu_{04}^{(2)}\mu_{42}^{(2)} - 3\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{40}^{(2)}\mu_{15}^{(2)} \\
& - 3\mu_{21}^{(1)}\mu_{15}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} - 6\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{24}^{(2)} - 6\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{31}^{(2)}\mu_{24}^{(2)} \\
& - 6\mu_{21}^{(1)}\mu_{15}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} + 18\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{22}^{(2)}\mu_{33}^{(2)} + 6\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{42}^{(2)} \\
& - 6\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{13}^{(2)}\mu_{42}^{(2)} - 3\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{04}^{(2)}\mu_{51}^{(2)} + 3\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{40}^{(2)}\mu_{24}^{(2)} \\
& + \mu_{22}^{(1)}\mu_{06}^{(1)}(\mu_{30}^{(2)})^2 + 2\mu_{21}^{(1)}\mu_{06}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} + 3\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{33}^{(2)} \\
& - 4\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{31}^{(2)}\mu_{33}^{(2)} - 3\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{42}^{(2)} + \mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{04}^{(2)}\mu_{60}^{(2)} \\
& - 2\mu_{13}^{(1)}\mu_{60}^{(1)}\mu_{12}^{(2)}\mu_{03}^{(2)} + 2\mu_{12}^{(1)}\mu_{60}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} + 6\mu_{13}^{(1)}\mu_{51}^{(1)}(\mu_{12}^{(2)})^2 \\
& - 6\mu_{12}^{(1)}\mu_{51}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} - 3\mu_{12}^{(1)}\mu_{51}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} + 2\mu_{13}^{(1)}\mu_{42}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} \\
& - 6\mu_{13}^{(1)}\mu_{42}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} + 6\mu_{12}^{(1)}\mu_{42}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} + 9\mu_{12}^{(1)}\mu_{42}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} \\
& - 3\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{24}^{(2)} + 3\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{33}^{(2)} - 4\mu_{13}^{(1)}\mu_{33}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} \\
& - 2\mu_{12}^{(1)}\mu_{33}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} - 9\mu_{12}^{(1)}\mu_{33}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} + 6\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{24}^{(2)} \\
& + \mu_{12}^{(1)}\mu_{33}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} - 6\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{42}^{(2)} + 6\mu_{13}^{(1)}\mu_{24}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)} \\
& + 3\mu_{12}^{(1)}\mu_{24}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} - 3\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{24}^{(2)} - 9\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{33}^{(2)} \\
& - 3\mu_{12}^{(1)}\mu_{24}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} + 9\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{42}^{(2)} + 3\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{51}^{(2)}
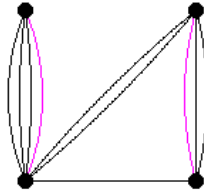\end{aligned}$$

$$+3(\mu^{(1)}_{12})^2\mu^{(2)}_{40}\mu^{(2)}_{24} - 2\mu^{(1)}_{13}\mu^{(1)}_{15}(\mu^{(2)}_{30})^2 + 6\mu^{(1)}_{12}\mu^{(1)}_{13}\mu^{(2)}_{30}\mu^{(2)}_{33}$$
$$+3\mu^{(1)}_{12}\mu^{(1)}_{15}\mu^{(2)}_{21}\mu^{(2)}_{40} - 9(\mu^{(1)}_{12})^2\mu^{(2)}_{22}\mu^{(2)}_{42} - 6\mu^{(1)}_{12}\mu^{(1)}_{13}\mu^{(2)}_{12}\mu^{(2)}_{51}$$
$$+6(\mu^{(1)}_{12})^2\mu^{(2)}_{13}\mu^{(2)}_{51} - 4\mu^{(1)}_{12}\mu^{(2)}_{03}\mu^{(2)}_{40}\mu^{(2)}_{33} - \mu^{(1)}_{12}\mu^{(2)}_{06}\mu^{(2)}_{30}\mu^{(2)}_{40}$$
$$-3\mu^{(1)}_{12}\mu^{(1)}_{04}\mu^{(2)}_{30}\mu^{(2)}_{42} + 6\mu^{(1)}_{12}\mu^{(1)}_{03}\mu^{(2)}_{31}\mu^{(2)}_{42} + 3\mu^{(1)}_{12}\mu^{(1)}_{04}\mu^{(2)}_{21}\mu^{(2)}_{51}$$
$$-2\mu^{(1)}_{12}\mu^{(1)}_{03}\mu^{(2)}_{13}\mu^{(2)}_{60} + \mu^{(1)}_{04}\mu^{(1)}_{60}\mu^{(2)}_{21}\mu^{(2)}_{03} - \mu^{(1)}_{03}\mu^{(1)}_{60}\mu^{(2)}_{03}\mu^{(2)}_{22}$$
$$-\mu^{(1)}_{04}\mu^{(1)}_{51}\mu^{(2)}_{30}\mu^{(2)}_{03} - 3\mu^{(1)}_{04}\mu^{(1)}_{51}\mu^{(2)}_{21}\mu^{(2)}_{12} + 3\mu^{(1)}_{03}\mu^{(1)}_{51}\mu^{(2)}_{12}\mu^{(2)}_{22}$$
$$+2\mu^{(1)}_{03}\mu^{(1)}_{51}\mu^{(2)}_{03}\mu^{(2)}_{31} + 3\mu^{(1)}_{04}\mu^{(1)}_{42}\mu^{(2)}_{30}\mu^{(2)}_{12} + 3\mu^{(1)}_{04}\mu^{(1)}_{42}(\mu^{(2)}_{21})^2$$
$$-3\mu^{(1)}_{03}\mu^{(1)}_{42}\mu^{(2)}_{21}\mu^{(2)}_{22} - 6\mu^{(1)}_{03}\mu^{(1)}_{42}\mu^{(2)}_{12}\mu^{(2)}_{31} + \mu^{(1)}_{03}\mu^{(1)}_{40}\mu^{(2)}_{12}\mu^{(2)}_{33}$$
$$-\mu^{(1)}_{03}\mu^{(1)}_{42}\mu^{(2)}_{03}\mu^{(2)}_{40} - \mu^{(1)}_{03}\mu^{(1)}_{40}\mu^{(2)}_{03}\mu^{(2)}_{42} - 4\mu^{(1)}_{04}\mu^{(1)}_{33}\mu^{(2)}_{30}\mu^{(2)}_{21}$$
$$+\mu^{(1)}_{03}\mu^{(1)}_{33}\mu^{(2)}_{30}\mu^{(2)}_{22} + 6\mu^{(1)}_{03}\mu^{(1)}_{33}\mu^{(2)}_{21}\mu^{(2)}_{31} - 2\mu^{(1)}_{03}\mu^{(1)}_{31}\mu^{(2)}_{21}\mu^{(2)}_{33}$$
$$+3\mu^{(1)}_{03}\mu^{(1)}_{33}\mu^{(2)}_{12}\mu^{(2)}_{40} + 2\mu^{(1)}_{03}\mu^{(1)}_{31}\mu^{(2)}_{03}\mu^{(2)}_{51} + \mu^{(1)}_{04}\mu^{(1)}_{24}(\mu^{(2)}_{30})^2$$
$$-2\mu^{(1)}_{03}\mu^{(1)}_{24}\mu^{(2)}_{30}\mu^{(2)}_{31} + \mu^{(1)}_{03}\mu^{(1)}_{22}\mu^{(2)}_{30}\mu^{(2)}_{33} - 3\mu^{(1)}_{03}\mu^{(1)}_{24}\mu^{(2)}_{21}\mu^{(2)}_{40}$$
$$+3\mu^{(1)}_{03}\mu^{(1)}_{22}\mu^{(2)}_{21}\mu^{(2)}_{42} - 3\mu^{(1)}_{03}\mu^{(1)}_{22}\mu^{(2)}_{12}\mu^{(2)}_{51} - \mu^{(1)}_{03}\mu^{(1)}_{22}\mu^{(2)}_{03}\mu^{(2)}_{60}$$
$$+\mu^{(1)}_{03}\mu^{(1)}_{15}\mu^{(2)}_{30}\mu^{(2)}_{40} - 2\mu^{(1)}_{03}\mu^{(1)}_{13}\mu^{(2)}_{30}\mu^{(2)}_{42} + 2\mu^{(1)}_{03}\mu^{(1)}_{13}\mu^{(2)}_{12}\mu^{(2)}_{60}$$
$$+(\mu^{(1)}_{03})^2\mu^{(2)}_{40}\mu^{(2)}_{42} + \mu^{(1)}_{03}\mu^{(1)}_{04}\mu^{(2)}_{30}\mu^{(2)}_{51} - 2(\mu^{(1)}_{03})^2\mu^{(2)}_{31}\mu^{(2)}_{51}$$
$$-\mu^{(1)}_{03}\mu^{(1)}_{04}\mu^{(2)}_{21}\mu^{(2)}_{60} + (\mu^{(1)}_{03})^2\mu^{(2)}_{22}\mu^{(2)}_{60}$$

weight=8
structure: 0,2,1,0,1
Generating graph:

$$\begin{array}{cccccccc} 1 & 1 & 1 & 1 & 1 & 1 & 2 & 2 \\ 2 & 2 & 3 & 3 & 3 & 4 & 4 & 4 \end{array} \qquad \begin{array}{cc} 1 & 2 \\ 3 & 4 \end{array}$$

Invariants of the order 7

$$V_{45} = \mu^{(1)}_{70}\mu^{(2)}_{07} - 7\mu^{(1)}_{61}\mu^{(2)}_{16} + 21\mu^{(1)}_{52}\mu^{(2)}_{25} - 35\mu^{(1)}_{43}\mu^{(2)}_{34} + 35\mu^{(1)}_{34}\mu^{(2)}_{43} - 21\mu^{(1)}_{25}\mu^{(2)}_{52}$$
$$+7\mu^{(1)}_{16}\mu^{(2)}_{61} - \mu^{(1)}_{07}\mu^{(2)}_{70}$$

weight=7
structure: 0,0,0,0,0,2
Generating graph:

$$\begin{array}{ccccccc} 1 & 1 & 1 & 1 & 1 & 1 & 1 \\ 2 & 2 & 2 & 2 & 2 & 2 & 2 \end{array} \qquad \begin{array}{c} 1 \\ 2 \end{array}$$
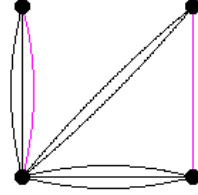
$$
\begin{aligned}
V_{46} \;=\; & -\mu_{30}^{(1)}\mu_{43}^{(1)}(\mu_{02}^{(2)})^2 + 4\mu_{30}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} - 2\mu_{30}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} \\
& -4\mu_{30}^{(1)}\mu_{25}^{(1)}(\mu_{11}^{(2)})^2 + 4\mu_{30}^{(1)}\mu_{16}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} - \mu_{30}^{(1)}\mu_{07}^{(1)}(\mu_{20}^{(2)})^2 + 3\mu_{21}^{(1)}\mu_{52}^{(1)}(\mu_{02}^{(2)})^2 \\
& -\mu_{20}^{(1)}\mu_{52}^{(1)}\mu_{02}^{(2)}\mu_{03}^{(2)} - 12\mu_{21}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} + 2\mu_{20}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} \\
& +3\mu_{20}^{(1)}\mu_{43}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} + 6\mu_{21}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} - \mu_{20}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{20}^{(2)}\mu_{07}^{(2)} + 12\mu_{21}^{(1)}\mu_{34}^{(1)}(\mu_{11}^{(2)})^2 - 6\mu_{20}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
& -2\mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{11}^{(2)}\mu_{16}^{(2)} - 3\mu_{20}^{(1)}\mu_{34}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} + \mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{02}^{(2)}\mu_{25}^{(2)} \\
& -(\mu_{20}^{(1)})^2\mu_{30}^{(2)}\mu_{07}^{(2)} - 12\mu_{21}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} + 3\mu_{20}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} \\
& -3\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{16}^{(2)} + 3(\mu_{20}^{(1)})^2\mu_{21}^{(2)}\mu_{16}^{(2)} + 6\mu_{20}^{(1)}\mu_{25}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} \\
& +6\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{11}^{(2)}\mu_{25}^{(2)} - 3(\mu_{20}^{(1)})^2\mu_{12}^{(2)}\mu_{25}^{(2)} + \mu_{20}^{(1)}\mu_{25}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& -3\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{02}^{(2)}\mu_{34}^{(2)} + (\mu_{20}^{(1)})^2\mu_{03}^{(2)}\mu_{34}^{(2)} + 4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{30}^{(2)}\mu_{16}^{(2)} \\
& +3\mu_{21}^{(1)}\mu_{16}^{(1)}(\mu_{20}^{(2)})^2 - 3\mu_{20}^{(1)}\mu_{16}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} + 3\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{25}^{(2)} \\
& -12\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{21}^{(2)}\mu_{25}^{(2)} - 2\mu_{20}^{(1)}\mu_{16}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} - 6\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{34}^{(2)} \\
& +12\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{12}^{(2)}\mu_{34}^{(2)} + 3\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{02}^{(2)}\mu_{43}^{(2)} - 4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{03}^{(2)}\mu_{43}^{(2)} \\
& -2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(2)}\mu_{25}^{(2)} + \mu_{20}^{(1)}\mu_{07}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)} - \mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{34}^{(2)} \\
& +6\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(2)}\mu_{34}^{(2)} + 2\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{11}^{(2)}\mu_{43}^{(2)} - 6\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(2)}\mu_{43}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{02}^{(2)}\mu_{52}^{(2)} + 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{03}^{(2)}\mu_{52}^{(2)} - 3\mu_{12}^{(1)}\mu_{61}^{(1)}(\mu_{02}^{(2)})^2 \\
& +2\mu_{11}^{(1)}\mu_{61}^{(1)}\mu_{02}^{(2)}\mu_{03}^{(2)} + 12\mu_{12}^{(1)}\mu_{52}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} - 4\mu_{11}^{(1)}\mu_{52}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} \\
& -6\mu_{11}^{(1)}\mu_{52}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} - 6\mu_{12}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} + 2\mu_{11}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} \\
& -12\mu_{12}^{(1)}\mu_{43}^{(1)}(\mu_{11}^{(2)})^2 + 12\mu_{11}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} + 6\mu_{11}^{(1)}\mu_{43}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& +12\mu_{12}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} - 6\mu_{11}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - 2\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{20}^{(2)}\mu_{16}^{(2)} \\
& -12\mu_{11}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} + 4\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{11}^{(2)}\mu_{25}^{(2)} - 2\mu_{11}^{(1)}\mu_{34}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{02}^{(2)}\mu_{34}^{(2)} - 3\mu_{12}^{(1)}\mu_{25}^{(1)}(\mu_{20}^{(2)})^2 + 6\mu_{11}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} \\
& +6\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{25}^{(2)} + 4\mu_{11}^{(1)}\mu_{25}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} - 12\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{11}^{(2)}\mu_{34}^{(2)} \\
& +6\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{02}^{(2)}\mu_{43}^{(2)} - 4(\mu_{11}^{(1)})^2\mu_{30}^{(2)}\mu_{25}^{(2)} - 2\mu_{11}^{(1)}\mu_{16}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)} \\
& -6\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{34}^{(2)} + 12(\mu_{11}^{(1)})^2\mu_{21}^{(2)}\mu_{34}^{(2)} + 12\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{43}^{(2)} \\
& -12(\mu_{11}^{(1)})^2\mu_{12}^{(2)}\mu_{43}^{(2)} - 6\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{02}^{(2)}\mu_{52}^{(2)} + 4(\mu_{11}^{(1)})^2\mu_{03}^{(2)}\mu_{52}^{(2)} \\
& +4\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{30}^{(2)}\mu_{34}^{(2)} + 2\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{43}^{(2)} - 12\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{21}^{(2)}\mu_{43}^{(2)} \\
& -4\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{11}^{(2)}\mu_{52}^{(2)} + 12\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{12}^{(2)}\mu_{52}^{(2)} + 2\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{02}^{(2)}\mu_{61}^{(2)} \\
& -4\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{03}^{(2)}\mu_{61}^{(2)} + \mu_{03}^{(1)}\mu_{70}^{(1)}(\mu_{02}^{(2)})^2 - \mu_{02}^{(1)}\mu_{70}^{(1)}\mu_{02}^{(2)}\mu_{03}^{(2)} \\
& -4\mu_{03}^{(1)}\mu_{61}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} + 2\mu_{02}^{(1)}\mu_{61}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} + 3\mu_{02}^{(1)}\mu_{61}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} \\
& +2\mu_{03}^{(1)}\mu_{52}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} - \mu_{02}^{(1)}\mu_{52}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} + 4\mu_{03}^{(1)}\mu_{52}^{(1)}(\mu_{11}^{(2)})^2 \\
& -6\mu_{02}^{(1)}\mu_{52}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} - 3\mu_{02}^{(1)}\mu_{52}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} - 4\mu_{03}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} \\
& +3\mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} + 6\mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} + \mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& +\mu_{03}^{(1)}\mu_{34}^{(1)}(\mu_{20}^{(2)})^2 - 3\mu_{02}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} + \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{20}^{(2)}\mu_{25}^{(2)} \\
& -2\mu_{02}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} - 2\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{11}^{(2)}\mu_{34}^{(2)} + \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{02}^{(2)}\mu_{43}^{(2)} \\
& +\mu_{02}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)} - 3\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{20}^{(2)}\mu_{34}^{(2)} + 6\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{11}^{(2)}\mu_{43}^{(2)} \\
& -3\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{02}^{(2)}\mu_{52}^{(2)} + 3\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{20}^{(2)}\mu_{43}^{(2)} - 6\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{11}^{(2)}\mu_{52}^{(2)} \\
& +3\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{02}^{(2)}\mu_{61}^{(2)} - (\mu_{02}^{(1)})^2\mu_{30}^{(2)}\mu_{43}^{(2)} - \mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{20}^{(2)}\mu_{52}^{(2)} \\
& +3(\mu_{02}^{(1)})^2\mu_{21}^{(2)}\mu_{52}^{(2)} + 2\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{11}^{(2)}\mu_{61}^{(2)} - 3(\mu_{02}^{(1)})^2\mu_{12}^{(2)}\mu_{61}^{(2)} \\
& -\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{02}^{(2)}\mu_{70}^{(2)} + (\mu_{02}^{(1)})^2\mu_{03}^{(2)}\mu_{70}^{(2)}
\end{aligned}
$$

weight=7
structure: 2,1,0,0,0,1
Generating graph:

$$
\begin{array}{ccccccc}
1 & 1 & 1 & 1 & 1 & 1 & 1 \\
2 & 2 & 2 & 3 & 3 & 4 & 4
\end{array}
\qquad
\begin{array}{cc}
1 & 2 \\
3 & 4
\end{array}
$$


$$
\begin{aligned}
V_{47} \;=\;& \mu_{30}^{(1)}\mu_{52}^{(1)}(\mu_{03}^{(2)})^2 - 5\mu_{30}^{(1)}\mu_{43}^{(1)}\mu_{12}^{(2)}\mu_{03}^{(2)} + 4\mu_{30}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} \\
&+(\mu_{30}^{(1)})^2\mu_{21}^{(2)}\mu_{07}^{(2)} + 6\mu_{30}^{(1)}\mu_{34}^{(1)}(\mu_{12}^{(2)})^2 - 2(\mu_{30}^{(1)})^2\mu_{12}^{(2)}\mu_{16}^{(2)} + (\mu_{30}^{(1)})^2\mu_{03}^{(2)}\mu_{25}^{(2)} \\
&-\mu_{30}^{(1)}\mu_{25}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} - \mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{30}^{(2)}\mu_{07}^{(2)} - 9\mu_{30}^{(1)}\mu_{25}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} \\
&-3\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{21}^{(2)}\mu_{16}^{(2)} + 9\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(2)}\mu_{25}^{(2)} - 5\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(2)}\mu_{34}^{(2)} \\
&+2\mu_{30}^{(1)}\mu_{16}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} + 2\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{30}^{(2)}\mu_{16}^{(2)} + 3\mu_{30}^{(1)}\mu_{16}^{(1)}(\mu_{21}^{(2)})^2 \\
&-6\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{12}^{(2)}\mu_{34}^{(2)} + 4\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(2)}\mu_{43}^{(2)} - \mu_{30}^{(1)}\mu_{07}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)} \\
&-\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{30}^{(2)}\mu_{25}^{(2)} + \mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{21}^{(2)}\mu_{34}^{(2)} + \mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{12}^{(2)}\mu_{43}^{(2)} \\
&-\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{03}^{(2)}\mu_{52}^{(2)} - 2\mu_{21}^{(1)}\mu_{61}^{(1)}(\mu_{03}^{(2)})^2 + 9\mu_{21}^{(1)}\mu_{52}^{(1)}\mu_{12}^{(2)}\mu_{03}^{(2)} \\
&-6\mu_{21}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} - 9\mu_{21}^{(1)}\mu_{43}^{(1)}(\mu_{12}^{(2)})^2 + \mu_{21}^{(1)}\mu_{34}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} \\
&+9\mu_{21}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} + 3(\mu_{21}^{(1)})^2\mu_{30}^{(2)}\mu_{16}^{(2)} - 9(\mu_{21}^{(1)})^2\mu_{12}^{(2)}\mu_{34}^{(2)} + 6(\mu_{21}^{(1)})^2\mu_{03}^{(2)}\mu_{43}^{(2)} \\
&-3\mu_{21}^{(1)}\mu_{16}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)} - 9\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{30}^{(2)}\mu_{25}^{(2)} + 9\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{21}^{(2)}\mu_{34}^{(2)} \\
&+9\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{12}^{(2)}\mu_{43}^{(2)} - 9\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(2)}\mu_{52}^{(2)} + \mu_{21}^{(1)}\mu_{07}^{(1)}(\mu_{30}^{(2)})^2 \\
&+4\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{30}^{(2)}\mu_{34}^{(2)} - 6\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{21}^{(2)}\mu_{43}^{(2)} + 2\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{03}^{(2)}\mu_{61}^{(2)} \\
&+\mu_{12}^{(1)}\mu_{70}^{(1)}(\mu_{03}^{(2)})^2 - 3\mu_{12}^{(1)}\mu_{61}^{(1)}\mu_{12}^{(2)}\mu_{03}^{(2)} + \mu_{12}^{(1)}\mu_{43}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} \\
&+9\mu_{12}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} - 6\mu_{12}^{(1)}\mu_{34}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} - 9\mu_{12}^{(1)}\mu_{34}^{(1)}(\mu_{21}^{(2)})^2 \\
&+9\mu_{12}^{(1)}\mu_{25}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)} - 2\mu_{12}^{(1)}\mu_{16}^{(1)}(\mu_{30}^{(2)})^2 + 6(\mu_{12}^{(1)})^2\mu_{30}^{(2)}\mu_{34}^{(2)} - 9(\mu_{12}^{(1)})^2\mu_{21}^{(2)}\mu_{43}^{(2)} \\
&+3(\mu_{12}^{(1)})^2\mu_{03}^{(2)}\mu_{61}^{(2)} - 5\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{30}^{(2)}\mu_{43}^{(2)} + 9\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{21}^{(2)}\mu_{52}^{(2)} \\
&-3\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{12}^{(2)}\mu_{61}^{(2)} - \mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{03}^{(2)}\mu_{70}^{(2)} - \mu_{03}^{(1)}\mu_{70}^{(1)}\mu_{12}^{(2)}\mu_{03}^{(2)} \\
&+2\mu_{03}^{(1)}\mu_{61}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} + 3\mu_{03}^{(1)}\mu_{61}^{(1)}(\mu_{12}^{(2)})^2 - \mu_{03}^{(1)}\mu_{52}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} \\
&-9\mu_{03}^{(1)}\mu_{52}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} + 4\mu_{03}^{(1)}\mu_{43}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} + 6\mu_{03}^{(1)}\mu_{43}^{(1)}(\mu_{21}^{(2)})^2 \\
&-5\mu_{03}^{(1)}\mu_{34}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)} + \mu_{03}^{(1)}\mu_{25}^{(1)}(\mu_{30}^{(2)})^2 + (\mu_{03}^{(1)})^2\mu_{30}^{(2)}\mu_{52}^{(2)} - 2(\mu_{03}^{(1)})^2\mu_{21}^{(2)}\mu_{61}^{(2)} \\
&+(\mu_{03}^{(1)})^2\mu_{12}^{(2)}\mu_{70}^{(2)}
\end{aligned}
$$

weight=8
structure: 0,3,0,0,0,1
Generating graph:

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| 1	1	1	1	1	1	1	2		1	3
2	2	3	3	3	4	4	4		2	4
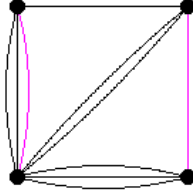
$$
\begin{aligned}
V_{48} \;=\; & -\mu_{20}^{(1)}\mu_{61}^{(1)}\mu_{02}^{(2)}\mu_{05}^{(2)} + \mu_{20}^{(1)}\mu_{52}^{(1)}\mu_{11}^{(2)}\mu_{05}^{(2)} + \mu_{20}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{07}^{(2)} \\
& +5\mu_{20}^{(1)}\mu_{52}^{(1)}\mu_{02}^{(2)}\mu_{14}^{(2)} - \mu_{20}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{16}^{(2)} - 5\mu_{20}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} \\
& -5\mu_{20}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{16}^{(2)} - 10\mu_{20}^{(1)}\mu_{43}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} + 5\mu_{20}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{25}^{(2)} \\
& +10\mu_{20}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} + 10\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{25}^{(2)} + 10\mu_{20}^{(1)}\mu_{34}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)} \\
& -10\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{34}^{(2)} - 10\mu_{20}^{(1)}\mu_{25}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} - 10\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{34}^{(2)} \\
& -5\mu_{20}^{(1)}\mu_{25}^{(1)}\mu_{02}^{(2)}\mu_{41}^{(2)} + 10\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{43}^{(2)} + 5\mu_{20}^{(1)}\mu_{16}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} \\
& +5\mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{43}^{(2)} + \mu_{20}^{(1)}\mu_{16}^{(1)}\mu_{02}^{(2)}\mu_{50}^{(2)} - 5\mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{52}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{07}^{(1)}\mu_{11}^{(2)}\mu_{50}^{(2)} - \mu_{20}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{52}^{(2)} + \mu_{20}^{(1)}\mu_{05}^{(1)}\mu_{02}^{(2)}\mu_{61}^{(2)} \\
& +\mu_{11}^{(1)}\mu_{70}^{(1)}\mu_{02}^{(2)}\mu_{05}^{(2)} - 5\mu_{11}^{(1)}\mu_{61}^{(1)}\mu_{02}^{(2)}\mu_{14}^{(2)} - \mu_{11}^{(1)}\mu_{52}^{(1)}\mu_{20}^{(2)}\mu_{05}^{(2)} \\
& -\mu_{11}^{(1)}\mu_{50}^{(1)}\mu_{20}^{(2)}\mu_{07}^{(2)} + 10\mu_{11}^{(1)}\mu_{52}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} + \mu_{11}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{25}^{(2)} \\
& +5\mu_{11}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{14}^{(2)} + 5\mu_{11}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{16}^{(2)} - 10\mu_{11}^{(1)}\mu_{43}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)} \\
& -5\mu_{11}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{34}^{(2)} - 10\mu_{11}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)} - 10\mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{25}^{(2)} \\
& +5\mu_{11}^{(1)}\mu_{34}^{(1)}\mu_{02}^{(2)}\mu_{41}^{(2)} + 10\mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{43}^{(2)} + 10\mu_{11}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)} \\
& +10\mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{34}^{(2)} - \mu_{11}^{(1)}\mu_{25}^{(1)}\mu_{02}^{(2)}\mu_{50}^{(2)} - 10\mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{52}^{(2)} \\
& -5\mu_{11}^{(1)}\mu_{16}^{(1)}\mu_{20}^{(2)}\mu_{41}^{(2)} - 5\mu_{11}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{43}^{(2)} + 5\mu_{11}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{61}^{(2)} \\
& +\mu_{11}^{(1)}\mu_{07}^{(1)}\mu_{20}^{(2)}\mu_{50}^{(2)} + \mu_{11}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{52}^{(2)} - \mu_{11}^{(1)}\mu_{05}^{(1)}\mu_{02}^{(2)}\mu_{70}^{(2)} \\
& -\mu_{02}^{(1)}\mu_{70}^{(1)}\mu_{11}^{(2)}\mu_{05}^{(2)} + \mu_{02}^{(1)}\mu_{61}^{(1)}\mu_{20}^{(2)}\mu_{05}^{(2)} + 5\mu_{02}^{(1)}\mu_{61}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} \\
& -5\mu_{02}^{(1)}\mu_{52}^{(1)}\mu_{20}^{(2)}\mu_{14}^{(2)} + \mu_{02}^{(1)}\mu_{50}^{(1)}\mu_{20}^{(2)}\mu_{16}^{(2)} - 10\mu_{02}^{(1)}\mu_{52}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} \\
& -\mu_{02}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{25}^{(2)} + 10\mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)} - 5\mu_{02}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{25}^{(2)} \\
& +10\mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} + 5\mu_{02}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{34}^{(2)} - 10\mu_{02}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)} \\
& +10\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{34}^{(2)} - 5\mu_{02}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} - 10\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{43}^{(2)} \\
& +5\mu_{02}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{41}^{(2)} - 10\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{43}^{(2)} + \mu_{02}^{(1)}\mu_{25}^{(1)}\mu_{11}^{(2)}\mu_{50}^{(2)} \\
& +10\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{52}^{(2)} - \mu_{02}^{(1)}\mu_{16}^{(1)}\mu_{20}^{(2)}\mu_{50}^{(2)} + 5\mu_{02}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{52}^{(2)} \\
& -5\mu_{02}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{61}^{(2)} - \mu_{02}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{61}^{(2)} + \mu_{02}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{70}^{(2)}
\end{aligned}
$$

weight=8

structure: 2,0,0,1,0,1

Generating graph:

1	1	1	1	1	1	1	2		1	3
2	2	2	2	3	3	4	4		2	4

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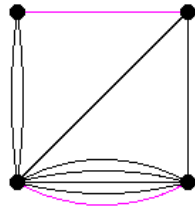
$$
\begin{aligned}
V_{49} &= \mu_{50}^{(1)}\mu_{34}^{(1)}(\mu_{02}^{(2)})^2 - 3\mu_{50}^{(1)}\mu_{25}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} + \mu_{50}^{(1)}\mu_{16}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} \\
&\quad + 2\mu_{50}^{(1)}\mu_{16}^{(1)}(\mu_{11}^{(2)})^2 - \mu_{50}^{(1)}\mu_{07}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} - 4\mu_{41}^{(1)}\mu_{43}^{(1)}(\mu_{02}^{(2)})^2 \\
&\quad + 11\mu_{41}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} - 3\mu_{41}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} - 6\mu_{41}^{(1)}\mu_{25}^{(1)}(\mu_{11}^{(2)})^2 \\
&\quad + \mu_{41}^{(1)}\mu_{16}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} + \mu_{41}^{(1)}\mu_{07}^{(1)}(\mu_{20}^{(2)})^2 + 6\mu_{32}^{(1)}\mu_{52}^{(1)}(\mu_{02}^{(2)})^2 \\
&\quad - 14\mu_{32}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} + 2\mu_{32}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} + 4\mu_{32}^{(1)}\mu_{34}^{(1)}(\mu_{11}^{(2)})^2 \\
&\quad + 6\mu_{32}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} - 4\mu_{32}^{(1)}\mu_{16}^{(1)}(\mu_{20}^{(2)})^2 - 4\mu_{23}^{(1)}\mu_{61}^{(1)}(\mu_{02}^{(2)})^2 \\
&\quad - \mu_{20}^{(1)}\mu_{61}^{(1)}\mu_{02}^{(2)}\mu_{05}^{(2)} + 6\mu_{23}^{(1)}\mu_{52}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} + 2\mu_{20}^{(1)}\mu_{52}^{(1)}\mu_{11}^{(2)}\mu_{05}^{(2)} \\
&\quad + \mu_{20}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{07}^{(2)} + 4\mu_{20}^{(1)}\mu_{52}^{(1)}\mu_{02}^{(2)}\mu_{14}^{(2)} - \mu_{20}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{16}^{(2)} \\
&\quad + 2\mu_{23}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} - \mu_{20}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{05}^{(2)} - \mu_{20}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{07}^{(2)} \\
&\quad + 4\mu_{23}^{(1)}\mu_{43}^{(1)}(\mu_{11}^{(2)})^2 - 8\mu_{20}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} - 3\mu_{20}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{16}^{(2)} \\
&\quad - 6\mu_{20}^{(1)}\mu_{43}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} + 4\mu_{20}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{25}^{(2)} - 14\mu_{23}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} \\
&\quad + 4\mu_{20}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{14}^{(2)} + 4\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{16}^{(2)} + 12\mu_{20}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} \\
&\quad + 2\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{25}^{(2)} + 4\mu_{20}^{(1)}\mu_{34}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)} - 6\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{34}^{(2)} \\
&\quad + (\mu_{20}^{(1)})^2\mu_{41}^{(2)}\mu_{07}^{(2)} - 4(\mu_{20}^{(1)})^2\mu_{32}^{(2)}\mu_{16}^{(2)} + 6\mu_{23}^{(1)}\mu_{25}^{(1)}(\mu_{20}^{(2)})^2 - 6\mu_{20}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)} \\
&\quad - 6\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{25}^{(2)} + 6(\mu_{20}^{(1)})^2\mu_{23}^{(2)}\mu_{25}^{(2)} - 8\mu_{20}^{(1)}\mu_{25}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} \\
&\quad + 2\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{34}^{(2)} - 4(\mu_{20}^{(1)})^2\mu_{14}^{(2)}\mu_{34}^{(2)} - \mu_{20}^{(1)}\mu_{25}^{(1)}\mu_{02}^{(2)}\mu_{41}^{(2)} \\
&\quad + 4\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{43}^{(2)} + (\mu_{20}^{(1)})^2\mu_{05}^{(2)}\mu_{43}^{(2)} - \mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{50}^{(2)}\mu_{07}^{(2)} \\
&\quad + \mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{41}^{(2)}\mu_{16}^{(2)} + 6\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{32}^{(2)}\mu_{25}^{(2)} + 4\mu_{20}^{(1)}\mu_{16}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)} \\
&\quad + 4\mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{34}^{(2)} - 14\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{23}^{(2)}\mu_{34}^{(2)} + 2\mu_{20}^{(1)}\mu_{16}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} \\
&\quad - 3\mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{43}^{(2)} + 11\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{14}^{(2)}\mu_{43}^{(2)} - \mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{52}^{(2)} \\
&\quad - 3\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{05}^{(2)}\mu_{52}^{(2)} + \mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{50}^{(2)}\mu_{16}^{(2)} - 3\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{41}^{(2)}\mu_{25}^{(2)} \\
&\quad + 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{32}^{(2)}\mu_{34}^{(2)} - \mu_{20}^{(1)}\mu_{07}^{(1)}\mu_{20}^{(2)}\mu_{41}^{(2)} - \mu_{20}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{43}^{(2)} \\
&\quad + 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{23}^{(2)}\mu_{43}^{(2)} + \mu_{20}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{52}^{(2)} - 3\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{14}^{(2)}\mu_{52}^{(2)} \\
&\quad + \mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{05}^{(2)}\mu_{61}^{(2)} + \mu_{14}^{(1)}\mu_{70}^{(1)}(\mu_{02}^{(2)})^2 + \mu_{11}^{(1)}\mu_{70}^{(1)}\mu_{02}^{(2)}\mu_{05}^{(2)} \\
&\quad + \mu_{14}^{(1)}\mu_{61}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} - 2\mu_{11}^{(1)}\mu_{61}^{(1)}\mu_{11}^{(2)}\mu_{05}^{(2)} - 3\mu_{11}^{(1)}\mu_{61}^{(1)}\mu_{02}^{(2)}\mu_{14}^{(2)} \\
&\quad - 3\mu_{14}^{(1)}\mu_{52}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} + \mu_{11}^{(1)}\mu_{52}^{(1)}\mu_{20}^{(2)}\mu_{05}^{(2)} - 6\mu_{14}^{(1)}\mu_{52}^{(1)}(\mu_{11}^{(2)})^2 \\
&\quad + 6\mu_{11}^{(1)}\mu_{52}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} - 2\mu_{11}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{16}^{(2)} + 2\mu_{11}^{(1)}\mu_{52}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} \\
&\quad + 2\mu_{11}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{25}^{(2)} + 11\mu_{14}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} - 3\mu_{11}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{14}^{(2)} \\
&\quad + 2\mu_{11}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{16}^{(2)} - 4\mu_{11}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} + 6\mu_{11}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{25}^{(2)} \\
&\quad + 2\mu_{11}^{(1)}\mu_{43}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)} - 8\mu_{11}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{34}^{(2)} - 4\mu_{14}^{(1)}\mu_{34}^{(1)}(\mu_{20}^{(2)})^2 \\
&\quad + 2\mu_{11}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)} - 8\mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{25}^{(2)} - 4\mu_{11}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} \\
&\quad - 4\mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{34}^{(2)} - 3\mu_{11}^{(1)}\mu_{34}^{(1)}\mu_{02}^{(2)}\mu_{41}^{(2)} + 12\mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{43}^{(2)} \\
&\quad + 2\mu_{11}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)} + 12\mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{34}^{(2)} + 6\mu_{11}^{(1)}\mu_{25}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} \\
&\quad - 4\mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{43}^{(2)} + \mu_{11}^{(1)}\mu_{25}^{(1)}\mu_{02}^{(2)}\mu_{50}^{(2)} - 8\mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{52}^{(2)} \\
&\quad + 2(\mu_{11}^{(1)})^2\mu_{50}^{(2)}\mu_{16}^{(2)} - 6(\mu_{11}^{(1)})^2\mu_{41}^{(2)}\mu_{25}^{(2)} + 4(\mu_{11}^{(1)})^2\mu_{32}^{(2)}\mu_{34}^{(2)} - 3\mu_{11}^{(1)}\mu_{16}^{(1)}\mu_{20}^{(2)}\mu_{41}^{(2)} \\
&\quad - 8\mu_{11}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{43}^{(2)} + 4(\mu_{11}^{(1)})^2\mu_{23}^{(2)}\mu_{43}^{(2)} - 2\mu_{11}^{(1)}\mu_{16}^{(1)}\mu_{11}^{(2)}\mu_{50}^{(2)} \\
&\quad + 6\mu_{11}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{52}^{(2)} - 6(\mu_{11}^{(1)})^2\mu_{14}^{(2)}\mu_{52}^{(2)} + 2\mu_{11}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{61}^{(2)} \\
&\quad + 2(\mu_{11}^{(1)})^2\mu_{05}^{(2)}\mu_{61}^{(2)} - 3\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{50}^{(2)}\mu_{25}^{(2)} + 11\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{41}^{(2)}\mu_{34}^{(2)} \\
&\quad - 14\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{32}^{(2)}\mu_{43}^{(2)} + \mu_{11}^{(1)}\mu_{07}^{(1)}\mu_{20}^{(2)}\mu_{50}^{(2)} + 2\mu_{11}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{52}^{(2)}
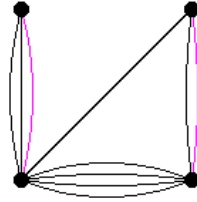\end{aligned}
$$

$$+6\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{23}^{(2)}\mu_{52}^{(2)} - 2\mu_{11}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{61}^{(2)} + \mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{14}^{(2)}\mu_{61}^{(2)}$$
$$-\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{05}^{(2)}\mu_{70}^{(2)} - \mu_{05}^{(1)}\mu_{70}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} - \mu_{02}^{(1)}\mu_{70}^{(1)}\mu_{02}^{(2)}\mu_{14}^{(2)}$$
$$+\mu_{05}^{(1)}\mu_{61}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} + 2\mu_{05}^{(1)}\mu_{61}^{(1)}(\mu_{11}^{(2)})^2 + 2\mu_{02}^{(1)}\mu_{61}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)}$$
$$+4\mu_{02}^{(1)}\mu_{61}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} - 3\mu_{05}^{(1)}\mu_{52}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} - \mu_{02}^{(1)}\mu_{52}^{(1)}\mu_{20}^{(2)}\mu_{14}^{(2)}$$
$$-8\mu_{02}^{(1)}\mu_{52}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} + \mu_{02}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{25}^{(2)} - 6\mu_{02}^{(1)}\mu_{52}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{34}^{(2)} + \mu_{05}^{(1)}\mu_{43}^{(1)}(\mu_{20}^{(2)})^2 + 4\mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{25}^{(2)} + 12\mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} - 3\mu_{02}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{34}^{(2)}$$
$$+4\mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{02}^{(2)}\mu_{41}^{(2)} + 4\mu_{02}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{43}^{(2)} - 6\mu_{02}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)}$$
$$+4\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{34}^{(2)} - 8\mu_{02}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} + 2\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{43}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{34}^{(1)}\mu_{02}^{(2)}\mu_{50}^{(2)} - 6\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{52}^{(2)} + 4\mu_{02}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{41}^{(2)}$$
$$-6\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{43}^{(2)} + 2\mu_{02}^{(1)}\mu_{25}^{(1)}\mu_{11}^{(2)}\mu_{50}^{(2)} + 2\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{52}^{(2)}$$
$$+4\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{61}^{(2)} - \mu_{02}^{(1)}\mu_{16}^{(1)}\mu_{20}^{(2)}\mu_{50}^{(2)} + 4\mu_{02}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{52}^{(2)}$$
$$-3\mu_{02}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{61}^{(2)} - \mu_{02}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{70}^{(2)} + (\mu_{02}^{(1)})^2\mu_{50}^{(2)}\mu_{34}^{(2)}$$
$$-4(\mu_{02}^{(1)})^2\mu_{41}^{(2)}\mu_{43}^{(2)} + 6(\mu_{02}^{(1)})^2\mu_{32}^{(2)}\mu_{52}^{(2)} - \mu_{02}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{61}^{(2)} - 4(\mu_{02}^{(1)})^2\mu_{23}^{(2)}\mu_{61}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{70}^{(2)} + (\mu_{02}^{(1)})^2\mu_{14}^{(2)}\mu_{70}^{(2)}$$

weight=8
structure: 2,0,0,1,0,1
Generating graph:

$$\begin{array}{cccccccc} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 \\ 2 & 2 & 2 & 2 & 3 & 3 & 4 & 4 \end{array} \qquad \begin{array}{cc} 1 & 2 \\ 3 & 4 \end{array}$$

$$
\begin{aligned}
V_{50} \;=\;& \mu_{30}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} + \mu_{30}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{07}^{(2)} - \mu_{30}^{(1)}\mu_{43}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} \\
& -\mu_{30}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{16}^{(2)} - \mu_{30}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} - \mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{07}^{(2)} \\
& -2\mu_{30}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} - 2\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{16}^{(2)} + 3\mu_{30}^{(1)}\mu_{34}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} \\
& +3\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{25}^{(2)} + 3\mu_{30}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} + 3\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{16}^{(2)} \\
& -3\mu_{30}^{(1)}\mu_{25}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} - 3\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{34}^{(2)} - 3\mu_{30}^{(1)}\mu_{16}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} \\
& -3\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{25}^{(2)} + 2\mu_{30}^{(1)}\mu_{16}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} + 2\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{34}^{(2)} \\
& +\mu_{30}^{(1)}\mu_{16}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} + \mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{43}^{(2)} + \mu_{30}^{(1)}\mu_{07}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} \\
& +\mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{34}^{(2)} - \mu_{30}^{(1)}\mu_{07}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} - \mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{43}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{61}^{(1)}\mu_{03}^{(2)}\mu_{04}^{(2)} - 3\mu_{21}^{(1)}\mu_{52}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} + 3\mu_{20}^{(1)}\mu_{52}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)} \\
& +3\mu_{21}^{(1)}\mu_{52}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} + 3\mu_{20}^{(1)}\mu_{52}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} + 3\mu_{21}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} \\
& -3\mu_{20}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} + 6\mu_{21}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} - 3\mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{16}^{(2)} \\
& -9\mu_{20}^{(1)}\mu_{43}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} - 9\mu_{21}^{(1)}\mu_{43}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} + 3\mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{25}^{(2)} \\
& -3\mu_{20}^{(1)}\mu_{43}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} + \mu_{20}^{(1)}\mu_{34}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} + \mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{30}^{(2)}\mu_{07}^{(2)} \\
& -9\mu_{21}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} + 3\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{16}^{(2)} + 9\mu_{20}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} \\
& -3\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{16}^{(2)} + 6\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{25}^{(2)} + 9\mu_{20}^{(1)}\mu_{34}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} \\
& +3\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{12}^{(2)}\mu_{25}^{(2)} + 9\mu_{21}^{(1)}\mu_{34}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} - 9\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{34}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{34}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} - \mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{34}^{(2)} - 3\mu_{20}^{(1)}\mu_{25}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} \\
& -3\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{16}^{(2)} + 9\mu_{21}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} - 9\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{25}^{(2)} \\
& -9\mu_{20}^{(1)}\mu_{25}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} + 9\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{25}^{(2)} - 6\mu_{21}^{(1)}\mu_{25}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} \\
& -3\mu_{20}^{(1)}\mu_{25}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} - 9\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{34}^{(2)} - 3\mu_{21}^{(1)}\mu_{25}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} \\
& +9\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{43}^{(2)} + 3\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{43}^{(2)} + 3\mu_{20}^{(1)}\mu_{16}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} \\
& +3\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{25}^{(2)} - 3\mu_{21}^{(1)}\mu_{16}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} + 9\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{34}^{(2)} \\
& +3\mu_{20}^{(1)}\mu_{16}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} - 9\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{21}^{(2)}\mu_{34}^{(2)} + 3\mu_{21}^{(1)}\mu_{16}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} \\
& -6\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{43}^{(2)} + 9\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{43}^{(2)} - 3\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{52}^{(2)} \\
& -3\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{03}^{(2)}\mu_{52}^{(2)} - \mu_{20}^{(1)}\mu_{07}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} - \mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{34}^{(2)} \\
& -3\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{43}^{(2)} + 3\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{43}^{(2)} + 3\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{52}^{(2)} \\
& -3\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{12}^{(2)}\mu_{52}^{(2)} + \mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{03}^{(2)}\mu_{61}^{(2)} + \mu_{11}^{(1)}\mu_{70}^{(1)}\mu_{03}^{(2)}\mu_{04}^{(2)} \\
& +3\mu_{12}^{(1)}\mu_{61}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} - 3\mu_{11}^{(1)}\mu_{61}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)} - 3\mu_{12}^{(1)}\mu_{61}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{61}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} - 3\mu_{12}^{(1)}\mu_{52}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} + 3\mu_{11}^{(1)}\mu_{52}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} \\
& -6\mu_{12}^{(1)}\mu_{52}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} + 6\mu_{11}^{(1)}\mu_{52}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} + 9\mu_{12}^{(1)}\mu_{52}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} \\
& -\mu_{11}^{(1)}\mu_{43}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} - \mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{30}^{(2)}\mu_{07}^{(2)} + 9\mu_{12}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} \\
& -6\mu_{11}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} + 3\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{21}^{(2)}\mu_{16}^{(2)} + 3\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{25}^{(2)} \\
& -3\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{25}^{(2)} - 9\mu_{12}^{(1)}\mu_{43}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} - 3\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{34}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{43}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} + \mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{34}^{(2)} + 2\mu_{11}^{(1)}\mu_{34}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{30}^{(2)}\mu_{16}^{(2)} - 9\mu_{12}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} - 3\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{25}^{(2)} \\
& -6\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{25}^{(2)} + 6\mu_{12}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} - 6\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{34}^{(2)} \\
& -6\mu_{11}^{(1)}\mu_{34}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} + 6\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{12}^{(2)}\mu_{34}^{(2)} + 3\mu_{12}^{(1)}\mu_{34}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} \\
& +9\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{43}^{(2)} - \mu_{11}^{(1)}\mu_{34}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} - 2\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{43}^{(2)} \\
& +3\mu_{12}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} + 9\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{34}^{(2)} + 6\mu_{11}^{(1)}\mu_{25}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)}
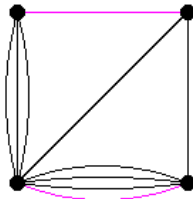\end{aligned}
$$

$$-3\mu_{12}^{(1)}\mu_{25}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} + 3\mu_{11}^{(1)}\mu_{25}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} - 9\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{52}^{(2)}$$
$$-2\mu_{11}^{(1)}\mu_{16}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} - 2\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{34}^{(2)} - 9\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{43}^{(2)}$$
$$-3\mu_{11}^{(1)}\mu_{16}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)} + 6\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{21}^{(2)}\mu_{43}^{(2)} + 6\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{52}^{(2)}$$
$$-6\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{52}^{(2)} + 3\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{61}^{(2)} + 2\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{03}^{(2)}\mu_{61}^{(2)}$$
$$+\mu_{11}^{(1)}\mu_{07}^{(1)}\mu_{30}^{(2)}\mu_{40}^{(2)} + \mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{43}^{(2)} + 3\mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{52}^{(2)}$$
$$-3\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{52}^{(2)} - 3\mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{61}^{(2)} + 3\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{12}^{(2)}\mu_{61}^{(2)}$$
$$-\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{03}^{(2)}\mu_{70}^{(2)} - \mu_{03}^{(1)}\mu_{70}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} + \mu_{03}^{(1)}\mu_{70}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{70}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} + \mu_{03}^{(1)}\mu_{61}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} + 2\mu_{03}^{(1)}\mu_{61}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)}$$
$$+3\mu_{02}^{(1)}\mu_{61}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} - 3\mu_{03}^{(1)}\mu_{61}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} + 3\mu_{02}^{(1)}\mu_{61}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)}$$
$$-3\mu_{03}^{(1)}\mu_{52}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} - 3\mu_{02}^{(1)}\mu_{52}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} - 9\mu_{02}^{(1)}\mu_{52}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)}$$
$$+3\mu_{03}^{(1)}\mu_{52}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} - 3\mu_{02}^{(1)}\mu_{52}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} + \mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{30}^{(2)}\mu_{16}^{(2)} + 3\mu_{03}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} + 9\mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)}$$
$$-3\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{21}^{(2)}\mu_{25}^{(2)} - 2\mu_{03}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} - \mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{34}^{(2)}$$
$$+9\mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} + 3\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{34}^{(2)} - \mu_{03}^{(1)}\mu_{43}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)}$$
$$+\mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{43}^{(2)} + \mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} - \mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{43}^{(2)}$$
$$-3\mu_{02}^{(1)}\mu_{34}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} - 3\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{30}^{(2)}\mu_{25}^{(2)} - \mu_{03}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)}$$
$$+\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{34}^{(2)} - 9\mu_{02}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} + 9\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{34}^{(2)}$$
$$+\mu_{03}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} + 2\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{43}^{(2)} - 3\mu_{02}^{(1)}\mu_{34}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)}$$
$$-9\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{12}^{(2)}\mu_{43}^{(2)} - 3\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{52}^{(2)} + 3\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{52}^{(2)}$$
$$+3\mu_{02}^{(1)}\mu_{25}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} + 3\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{34}^{(2)} - 3\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{43}^{(2)}$$
$$+3\mu_{02}^{(1)}\mu_{25}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)} - 9\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{43}^{(2)} + 9\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{52}^{(2)}$$
$$+3\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{61}^{(2)} - 3\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{61}^{(2)} - \mu_{02}^{(1)}\mu_{16}^{(1)}\mu_{30}^{(2)}\mu_{40}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{43}^{(2)} + 3\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{52}^{(2)} + 3\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{21}^{(2)}\mu_{52}^{(2)}$$
$$-2\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{61}^{(2)} - 3\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{61}^{(2)} - \mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{70}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{03}^{(2)}\mu_{70}^{(2)} - \mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{61}^{(2)} + \mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{70}^{(2)}$$

weight=8

structure: 1,1,1,0,0,1

Generating graph:

1	1	1	1	1	1	1	2		1	3
2	2	2	3	3	3	4	4		2	4

$$\begin{aligned}
V_{51} \;=\; & -\mu^{(1)}_{40}\mu^{(1)}_{43}\mu^{(2)}_{02}\mu^{(2)}_{03} + \mu^{(1)}_{40}\mu^{(1)}_{34}\mu^{(2)}_{11}\mu^{(2)}_{03} + 3\mu^{(1)}_{40}\mu^{(1)}_{34}\mu^{(2)}_{02}\mu^{(2)}_{12} \\
& -3\mu^{(1)}_{40}\mu^{(1)}_{25}\mu^{(2)}_{11}\mu^{(2)}_{12} - 3\mu^{(1)}_{40}\mu^{(1)}_{25}\mu^{(2)}_{02}\mu^{(2)}_{21} + 3\mu^{(1)}_{40}\mu^{(1)}_{16}\mu^{(2)}_{11}\mu^{(2)}_{21} \\
& +\mu^{(1)}_{40}\mu^{(1)}_{16}\mu^{(2)}_{02}\mu^{(2)}_{30} - \mu^{(1)}_{40}\mu^{(1)}_{07}\mu^{(2)}_{11}\mu^{(2)}_{30} + 3\mu^{(1)}_{31}\mu^{(1)}_{52}\mu^{(2)}_{02}\mu^{(2)}_{03} \\
& -2\mu^{(1)}_{31}\mu^{(1)}_{43}\mu^{(2)}_{11}\mu^{(2)}_{03} + \mu^{(1)}_{30}\mu^{(1)}_{40}\mu^{(2)}_{11}\mu^{(2)}_{07} - 9\mu^{(1)}_{31}\mu^{(1)}_{43}\mu^{(2)}_{02}\mu^{(2)}_{12} \\
& -\mu^{(1)}_{30}\mu^{(1)}_{40}\mu^{(2)}_{02}\mu^{(2)}_{16} - \mu^{(1)}_{31}\mu^{(1)}_{34}\mu^{(2)}_{20}\mu^{(2)}_{03} - \mu^{(1)}_{30}\mu^{(1)}_{31}\mu^{(2)}_{20}\mu^{(2)}_{07} \\
& +6\mu^{(1)}_{31}\mu^{(1)}_{34}\mu^{(2)}_{11}\mu^{(2)}_{12} - 2\mu^{(1)}_{30}\mu^{(1)}_{31}\mu^{(2)}_{11}\mu^{(2)}_{16} + 9\mu^{(1)}_{31}\mu^{(1)}_{34}\mu^{(2)}_{02}\mu^{(2)}_{21} \\
& +3\mu^{(1)}_{30}\mu^{(1)}_{31}\mu^{(2)}_{02}\mu^{(2)}_{25} + 3\mu^{(1)}_{31}\mu^{(1)}_{25}\mu^{(2)}_{20}\mu^{(2)}_{12} + 3\mu^{(1)}_{30}\mu^{(1)}_{22}\mu^{(2)}_{20}\mu^{(2)}_{16} \\
& -6\mu^{(1)}_{31}\mu^{(1)}_{25}\mu^{(2)}_{11}\mu^{(2)}_{21} - 3\mu^{(1)}_{31}\mu^{(1)}_{25}\mu^{(2)}_{02}\mu^{(2)}_{30} - 3\mu^{(1)}_{30}\mu^{(1)}_{22}\mu^{(2)}_{02}\mu^{(2)}_{34} \\
& -3\mu^{(1)}_{31}\mu^{(1)}_{16}\mu^{(2)}_{20}\mu^{(2)}_{21} - 3\mu^{(1)}_{30}\mu^{(1)}_{13}\mu^{(2)}_{20}\mu^{(2)}_{25} + 2\mu^{(1)}_{31}\mu^{(1)}_{16}\mu^{(2)}_{11}\mu^{(2)}_{30} \\
& +2\mu^{(1)}_{30}\mu^{(1)}_{13}\mu^{(2)}_{11}\mu^{(2)}_{34} + \mu^{(1)}_{30}\mu^{(1)}_{13}\mu^{(2)}_{02}\mu^{(2)}_{43} + \mu^{(1)}_{31}\mu^{(1)}_{07}\mu^{(2)}_{20}\mu^{(2)}_{30} \\
& +\mu^{(1)}_{30}\mu^{(1)}_{04}\mu^{(2)}_{20}\mu^{(2)}_{34} - \mu^{(1)}_{30}\mu^{(1)}_{04}\mu^{(2)}_{11}\mu^{(2)}_{43} - 3\mu^{(1)}_{22}\mu^{(1)}_{61}\mu^{(2)}_{02}\mu^{(2)}_{03} \\
& -\mu^{(1)}_{20}\mu^{(1)}_{61}\mu^{(2)}_{03}\mu^{(2)}_{04} + 3\mu^{(1)}_{20}\mu^{(1)}_{52}\mu^{(2)}_{12}\mu^{(2)}_{04} + 9\mu^{(1)}_{22}\mu^{(1)}_{52}\mu^{(2)}_{02}\mu^{(2)}_{12} \\
& +3\mu^{(1)}_{20}\mu^{(1)}_{52}\mu^{(2)}_{03}\mu^{(2)}_{13} + 3\mu^{(1)}_{22}\mu^{(1)}_{43}\mu^{(2)}_{20}\mu^{(2)}_{03} - 3\mu^{(1)}_{20}\mu^{(1)}_{43}\mu^{(2)}_{21}\mu^{(2)}_{04} \\
& -3\mu^{(1)}_{21}\mu^{(1)}_{40}\mu^{(2)}_{11}\mu^{(2)}_{16} - 9\mu^{(1)}_{20}\mu^{(1)}_{43}\mu^{(2)}_{12}\mu^{(2)}_{13} - 9\mu^{(1)}_{22}\mu^{(1)}_{43}\mu^{(2)}_{02}\mu^{(2)}_{21} \\
& +3\mu^{(1)}_{21}\mu^{(1)}_{40}\mu^{(2)}_{02}\mu^{(2)}_{25} - 3\mu^{(1)}_{20}\mu^{(1)}_{43}\mu^{(2)}_{03}\mu^{(2)}_{22} + \mu^{(1)}_{20}\mu^{(1)}_{34}\mu^{(2)}_{30}\mu^{(2)}_{04} \\
& +\mu^{(1)}_{20}\mu^{(1)}_{30}\mu^{(1)}_{31}\mu^{(2)}_{07} - 9\mu^{(1)}_{22}\mu^{(1)}_{34}\mu^{(2)}_{20}\mu^{(2)}_{12} + 3\mu^{(1)}_{21}\mu^{(1)}_{31}\mu^{(2)}_{20}\mu^{(2)}_{16} \\
& +9\mu^{(1)}_{20}\mu^{(1)}_{34}\mu^{(2)}_{21}\mu^{(2)}_{13} - 3\mu^{(1)}_{20}\mu^{(1)}_{30}\mu^{(2)}_{22}\mu^{(2)}_{16} + 6\mu^{(1)}_{21}\mu^{(1)}_{31}\mu^{(2)}_{11}\mu^{(2)}_{25} \\
& +9\mu^{(1)}_{20}\mu^{(1)}_{34}\mu^{(2)}_{12}\mu^{(2)}_{22} + 3\mu^{(1)}_{20}\mu^{(1)}_{30}\mu^{(2)}_{13}\mu^{(2)}_{25} + 3\mu^{(1)}_{22}\mu^{(1)}_{34}\mu^{(2)}_{02}\mu^{(2)}_{30} \\
& -9\mu^{(1)}_{21}\mu^{(1)}_{31}\mu^{(2)}_{02}\mu^{(2)}_{34} + \mu^{(1)}_{20}\mu^{(1)}_{34}\mu^{(2)}_{03}\mu^{(2)}_{31} - \mu^{(1)}_{20}\mu^{(1)}_{30}\mu^{(2)}_{04}\mu^{(2)}_{34} \\
& -3\mu^{(1)}_{20}\mu^{(1)}_{25}\mu^{(2)}_{30}\mu^{(2)}_{13} - 3\mu^{(1)}_{20}\mu^{(1)}_{21}\mu^{(2)}_{31}\mu^{(2)}_{16} + 9\mu^{(1)}_{22}\mu^{(1)}_{25}\mu^{(2)}_{20}\mu^{(2)}_{21} \\
& -9\mu^{(1)}_{21}\mu^{(1)}_{22}\mu^{(2)}_{20}\mu^{(2)}_{25} - 9\mu^{(1)}_{20}\mu^{(1)}_{25}\mu^{(2)}_{21}\mu^{(2)}_{22} + 9\mu^{(1)}_{20}\mu^{(1)}_{21}\mu^{(2)}_{22}\mu^{(2)}_{25} \\
& -3\mu^{(1)}_{20}\mu^{(1)}_{25}\mu^{(2)}_{12}\mu^{(2)}_{31} - 9\mu^{(1)}_{20}\mu^{(1)}_{21}\mu^{(2)}_{13}\mu^{(2)}_{34} + 9\mu^{(1)}_{21}\mu^{(1)}_{22}\mu^{(2)}_{02}\mu^{(2)}_{43} \\
& +3\mu^{(1)}_{20}\mu^{(1)}_{21}\mu^{(2)}_{04}\mu^{(2)}_{43} + 3\mu^{(1)}_{20}\mu^{(1)}_{16}\mu^{(2)}_{30}\mu^{(2)}_{22} + 3\mu^{(1)}_{20}\mu^{(1)}_{12}\mu^{(2)}_{31}\mu^{(2)}_{25} \\
& -3\mu^{(1)}_{22}\mu^{(1)}_{16}\mu^{(2)}_{20}\mu^{(2)}_{30} + 9\mu^{(1)}_{21}\mu^{(1)}_{13}\mu^{(2)}_{20}\mu^{(2)}_{34} + 3\mu^{(1)}_{20}\mu^{(1)}_{16}\mu^{(2)}_{21}\mu^{(2)}_{31} \\
& -9\mu^{(1)}_{20}\mu^{(1)}_{12}\mu^{(2)}_{22}\mu^{(2)}_{34} - 6\mu^{(1)}_{21}\mu^{(1)}_{13}\mu^{(2)}_{11}\mu^{(2)}_{43} + 9\mu^{(1)}_{20}\mu^{(1)}_{12}\mu^{(2)}_{13}\mu^{(2)}_{43} \\
& -3\mu^{(1)}_{21}\mu^{(1)}_{13}\mu^{(2)}_{02}\mu^{(2)}_{52} - 3\mu^{(1)}_{20}\mu^{(1)}_{12}\mu^{(2)}_{04}\mu^{(2)}_{52} - \mu^{(1)}_{20}\mu^{(1)}_{07}\mu^{(2)}_{30}\mu^{(2)}_{31} \\
& -\mu^{(1)}_{20}\mu^{(1)}_{03}\mu^{(2)}_{31}\mu^{(2)}_{34} - 3\mu^{(1)}_{21}\mu^{(1)}_{04}\mu^{(2)}_{20}\mu^{(2)}_{43} + 3\mu^{(1)}_{20}\mu^{(1)}_{03}\mu^{(2)}_{22}\mu^{(2)}_{43} \\
& +3\mu^{(1)}_{21}\mu^{(1)}_{04}\mu^{(2)}_{11}\mu^{(2)}_{52} - 3\mu^{(1)}_{20}\mu^{(1)}_{03}\mu^{(2)}_{13}\mu^{(2)}_{52} + \mu^{(1)}_{20}\mu^{(1)}_{03}\mu^{(2)}_{04}\mu^{(2)}_{61} \\
& +\mu^{(1)}_{13}\mu^{(1)}_{70}\mu^{(2)}_{02}\mu^{(2)}_{03} + \mu^{(1)}_{11}\mu^{(1)}_{70}\mu^{(2)}_{03}\mu^{(2)}_{04} + 2\mu^{(1)}_{13}\mu^{(1)}_{61}\mu^{(2)}_{11}\mu^{(2)}_{03} \\
& -3\mu^{(1)}_{11}\mu^{(1)}_{61}\mu^{(2)}_{12}\mu^{(2)}_{04} - 3\mu^{(1)}_{13}\mu^{(1)}_{61}\mu^{(2)}_{02}\mu^{(2)}_{12} - 2\mu^{(1)}_{11}\mu^{(1)}_{61}\mu^{(2)}_{03}\mu^{(2)}_{13} \\
& -3\mu^{(1)}_{13}\mu^{(1)}_{52}\mu^{(2)}_{20}\mu^{(2)}_{03} + 3\mu^{(1)}_{11}\mu^{(1)}_{52}\mu^{(2)}_{21}\mu^{(2)}_{04} - 6\mu^{(1)}_{13}\mu^{(1)}_{52}\mu^{(2)}_{11}\mu^{(2)}_{12} \\
& +6\mu^{(1)}_{11}\mu^{(1)}_{52}\mu^{(2)}_{12}\mu^{(2)}_{13} + 3\mu^{(1)}_{13}\mu^{(1)}_{52}\mu^{(2)}_{02}\mu^{(2)}_{21} - \mu^{(1)}_{11}\mu^{(1)}_{43}\mu^{(2)}_{30}\mu^{(2)}_{04} \\
& +9\mu^{(1)}_{13}\mu^{(1)}_{43}\mu^{(2)}_{20}\mu^{(2)}_{12} - 6\mu^{(1)}_{11}\mu^{(1)}_{43}\mu^{(2)}_{21}\mu^{(2)}_{13} + 6\mu^{(1)}_{13}\mu^{(1)}_{43}\mu^{(2)}_{11}\mu^{(2)}_{21} \\
& +3\mu^{(1)}_{12}\mu^{(1)}_{40}\mu^{(2)}_{11}\mu^{(2)}_{25} - \mu^{(1)}_{13}\mu^{(1)}_{43}\mu^{(2)}_{02}\mu^{(2)}_{30} - 3\mu^{(1)}_{12}\mu^{(1)}_{40}\mu^{(2)}_{02}\mu^{(2)}_{34} \\
& +2\mu^{(1)}_{11}\mu^{(1)}_{43}\mu^{(2)}_{03}\mu^{(2)}_{31} - \mu^{(1)}_{11}\mu^{(1)}_{30}\mu^{(2)}_{40}\mu^{(2)}_{07} + 2\mu^{(1)}_{11}\mu^{(1)}_{34}\mu^{(2)}_{30}\mu^{(2)}_{13} \\
& +2\mu^{(1)}_{11}\mu^{(1)}_{30}\mu^{(2)}_{31}\mu^{(2)}_{16} - 9\mu^{(1)}_{13}\mu^{(1)}_{34}\mu^{(2)}_{20}\mu^{(2)}_{21} - 3\mu^{(1)}_{12}\mu^{(1)}_{31}\mu^{(2)}_{20}\mu^{(2)}_{25} \\
& -2\mu^{(1)}_{13}\mu^{(1)}_{34}\mu^{(2)}_{11}\mu^{(2)}_{30} - 6\mu^{(1)}_{12}\mu^{(1)}_{31}\mu^{(2)}_{11}\mu^{(2)}_{34} - 6\mu^{(1)}_{11}\mu^{(1)}_{34}\mu^{(2)}_{12}\mu^{(2)}_{31} \\
& -2\mu^{(1)}_{11}\mu^{(1)}_{30}\mu^{(2)}_{13}\mu^{(2)}_{34} + 9\mu^{(1)}_{12}\mu^{(1)}_{31}\mu^{(2)}_{02}\mu^{(2)}_{43} - \mu^{(1)}_{11}\mu^{(1)}_{34}\mu^{(2)}_{03}\mu^{(2)}_{40} \\
& +\mu^{(1)}_{11}\mu^{(1)}_{30}\mu^{(2)}_{04}\mu^{(2)}_{43} + 3\mu^{(1)}_{11}\mu^{(1)}_{21}\mu^{(2)}_{40}\mu^{(2)}_{16} - 6\mu^{(1)}_{11}\mu^{(1)}_{21}\mu^{(2)}_{31}\mu^{(2)}_{25}
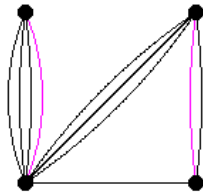\end{aligned}$$

$$
+3\mu_{13}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)} + 9\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{34}^{(2)} + 6\mu_{11}^{(1)}\mu_{25}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)}
$$
$$
+3\mu_{11}^{(1)}\mu_{25}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} + 6\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{13}^{(2)}\mu_{43}^{(2)} - 9\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{52}^{(2)}
$$
$$
-3\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{04}^{(2)}\mu_{52}^{(2)} - 3\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{40}^{(2)}\mu_{25}^{(2)} - 2\mu_{11}^{(1)}\mu_{16}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)}
$$
$$
+6\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{31}^{(2)}\mu_{34}^{(2)} - 9\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{43}^{(2)} - 3\mu_{11}^{(1)}\mu_{16}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)}
$$
$$
+6\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{52}^{(2)} - 6\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{13}^{(2)}\mu_{52}^{(2)} + 3\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{61}^{(2)}
$$
$$
+3\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{04}^{(2)}\mu_{61}^{(2)} + \mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{40}^{(2)}\mu_{34}^{(2)} + \mu_{11}^{(1)}\mu_{07}^{(1)}\mu_{30}^{(2)}\mu_{40}^{(2)}
$$
$$
-2\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{31}^{(2)}\mu_{43}^{(2)} + 3\mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{52}^{(2)} - 3\mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{61}^{(2)}
$$
$$
+2\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{13}^{(2)}\mu_{61}^{(2)} - \mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{04}^{(2)}\mu_{70}^{(2)} - \mu_{04}^{(1)}\mu_{70}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)}
$$
$$
-\mu_{02}^{(1)}\mu_{70}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} + \mu_{04}^{(1)}\mu_{61}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} + 3\mu_{04}^{(1)}\mu_{61}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)}
$$
$$
+3\mu_{02}^{(1)}\mu_{61}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} + 3\mu_{02}^{(1)}\mu_{61}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} - 3\mu_{04}^{(1)}\mu_{52}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)}
$$
$$
-3\mu_{02}^{(1)}\mu_{52}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} - 3\mu_{04}^{(1)}\mu_{52}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} - 9\mu_{02}^{(1)}\mu_{52}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)}
$$
$$
-3\mu_{02}^{(1)}\mu_{52}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} + \mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} + 3\mu_{04}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)}
$$
$$
+9\mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} + \mu_{04}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} - \mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{34}^{(2)}
$$
$$
+9\mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} + \mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{43}^{(2)} + \mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)}
$$
$$
+\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{40}^{(2)}\mu_{16}^{(2)} - 3\mu_{02}^{(1)}\mu_{34}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} - 3\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{31}^{(2)}\mu_{25}^{(2)}
$$
$$
-\mu_{04}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)} + \mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{34}^{(2)} - 9\mu_{02}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)}
$$
$$
+3\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{22}^{(2)}\mu_{34}^{(2)} + 2\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{43}^{(2)} - 3\mu_{02}^{(1)}\mu_{34}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)}
$$
$$
-\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{13}^{(2)}\mu_{43}^{(2)} - 3\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{52}^{(2)} - 3\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{40}^{(2)}\mu_{25}^{(2)}
$$
$$
+3\mu_{02}^{(1)}\mu_{25}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} + 9\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{31}^{(2)}\mu_{34}^{(2)} - 3\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{43}^{(2)}
$$
$$
+3\mu_{02}^{(1)}\mu_{25}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)} - 9\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{22}^{(2)}\mu_{43}^{(2)} + 3\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{13}^{(2)}\mu_{52}^{(2)}
$$
$$
+3\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{61}^{(2)} + 3\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{40}^{(2)}\mu_{34}^{(2)} - \mu_{02}^{(1)}\mu_{16}^{(1)}\mu_{30}^{(2)}\mu_{40}^{(2)}
$$
$$
-9\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{31}^{(2)}\mu_{43}^{(2)} + 3\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{52}^{(2)} + 9\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{22}^{(2)}\mu_{52}^{(2)}
$$
$$
-2\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{61}^{(2)} - 3\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{13}^{(2)}\mu_{61}^{(2)} - \mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{70}^{(2)}
$$
$$
-\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{40}^{(2)}\mu_{43}^{(2)} + 3\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{31}^{(2)}\mu_{52}^{(2)} - \mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{61}^{(2)}
$$
$$
-3\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{22}^{(2)}\mu_{61}^{(2)} + \mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{70}^{(2)} + \mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{13}^{(2)}\mu_{70}^{(2)}
$$

weight=8

structure: 1,1,1,0,0,1

Generating graph:

$$
\begin{array}{cccccccc}
1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 \\
2 & 2 & 2 & 3 & 3 & 3 & 4 & 4
\end{array}
\qquad
\begin{array}{cc}
1 & 2 \\
3 & 4
\end{array}
$$

$$
\begin{aligned}
V_{52} \;=\; & -\mu_{40}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} + \mu_{40}^{(1)}\mu_{34}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} + \mu_{40}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} \\
& +\mu_{40}^{(1)}\mu_{25}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} - 2\mu_{40}^{(1)}\mu_{25}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} - 2\mu_{40}^{(1)}\mu_{16}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} \\
& +\mu_{40}^{(1)}\mu_{16}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} + \mu_{40}^{(1)}\mu_{16}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} + \mu_{40}^{(1)}\mu_{07}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} \\
& -\mu_{40}^{(1)}\mu_{07}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} + 4\mu_{31}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} + \mu_{30}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{07}^{(2)} \\
& -4\mu_{31}^{(1)}\mu_{43}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} - \mu_{30}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{16}^{(2)} - 4\mu_{31}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} \\
& -4\mu_{31}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} - 4\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{16}^{(2)} + 8\mu_{31}^{(1)}\mu_{34}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& +4\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{25}^{(2)} + 8\mu_{31}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - 4\mu_{31}^{(1)}\mu_{25}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} \\
& +6\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{25}^{(2)} - 4\mu_{31}^{(1)}\mu_{25}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} - 6\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{34}^{(2)} \\
& -4\mu_{31}^{(1)}\mu_{16}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} + 4\mu_{31}^{(1)}\mu_{16}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} - 4\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{34}^{(2)} \\
& +4\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{43}^{(2)} + \mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{43}^{(2)} - \mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{52}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{61}^{(1)}\mu_{03}^{(2)}\mu_{04}^{(2)} - 6\mu_{22}^{(1)}\mu_{52}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} + 2\mu_{20}^{(1)}\mu_{52}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)} \\
& +6\mu_{22}^{(1)}\mu_{52}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} + 4\mu_{20}^{(1)}\mu_{52}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} + 6\mu_{22}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} \\
& -\mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{20}^{(2)}\mu_{07}^{(2)} - \mu_{20}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} + 6\mu_{22}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
& -\mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{16}^{(2)} - 8\mu_{20}^{(1)}\mu_{43}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} - 12\mu_{22}^{(1)}\mu_{43}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& +2\mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{25}^{(2)} - 6\mu_{20}^{(1)}\mu_{43}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} - 12\mu_{22}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} \\
& +4\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{16}^{(2)} + 4\mu_{20}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} + 6\mu_{22}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} \\
& +4\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{25}^{(2)} + 12\mu_{20}^{(1)}\mu_{34}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} + 6\mu_{22}^{(1)}\mu_{34}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& -8\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{34}^{(2)} + 4\mu_{20}^{(1)}\mu_{34}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} + \mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{40}^{(2)}\mu_{07}^{(2)} \\
& -4\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{31}^{(2)}\mu_{16}^{(2)} + 6\mu_{22}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} - 6\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{25}^{(2)} \\
& -6\mu_{20}^{(1)}\mu_{25}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} + 6\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{22}^{(2)}\mu_{25}^{(2)} - 6\mu_{22}^{(1)}\mu_{25}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} \\
& -6\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{34}^{(2)} - 8\mu_{20}^{(1)}\mu_{25}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} - 4\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{13}^{(2)}\mu_{34}^{(2)} \\
& +12\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{43}^{(2)} - \mu_{20}^{(1)}\mu_{25}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} + \mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{04}^{(2)}\mu_{43}^{(2)} \\
& -2\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{40}^{(2)}\mu_{16}^{(2)} + 8\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{31}^{(2)}\mu_{25}^{(2)} + 4\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{34}^{(2)} \\
& +4\mu_{20}^{(1)}\mu_{16}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} - 12\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{22}^{(2)}\mu_{34}^{(2)} + 4\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{43}^{(2)} \\
& +2\mu_{20}^{(1)}\mu_{16}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} + 8\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{13}^{(2)}\mu_{43}^{(2)} - 8\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{52}^{(2)} \\
& -2\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{04}^{(2)}\mu_{52}^{(2)} + \mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{40}^{(2)}\mu_{25}^{(2)} - 4\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{31}^{(2)}\mu_{34}^{(2)} \\
& -\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{43}^{(2)} - \mu_{20}^{(1)}\mu_{07}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)} + 6\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{22}^{(2)}\mu_{43}^{(2)} \\
& -\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{52}^{(2)} - 4\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{13}^{(2)}\mu_{52}^{(2)} + 2\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{61}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{04}^{(2)}\mu_{61}^{(2)} + \mu_{11}^{(1)}\mu_{70}^{(1)}\mu_{03}^{(2)}\mu_{04}^{(2)} + 4\mu_{13}^{(1)}\mu_{61}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} \\
& -\mu_{11}^{(1)}\mu_{61}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)} - 4\mu_{13}^{(1)}\mu_{61}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} - 4\mu_{11}^{(1)}\mu_{61}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} \\
& -4\mu_{13}^{(1)}\mu_{52}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} - \mu_{11}^{(1)}\mu_{52}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} - 4\mu_{13}^{(1)}\mu_{52}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
& +4\mu_{11}^{(1)}\mu_{52}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} + 8\mu_{13}^{(1)}\mu_{52}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} + 6\mu_{11}^{(1)}\mu_{52}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} \\
& +\mu_{11}^{(1)}\mu_{43}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} + 8\mu_{13}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} + 2\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{20}^{(2)}\mu_{16}^{(2)} \\
& +4\mu_{11}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} - 4\mu_{13}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} - \mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{25}^{(2)} \\
& -6\mu_{11}^{(1)}\mu_{43}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} - 4\mu_{13}^{(1)}\mu_{43}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} - \mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{34}^{(2)} \\
& -4\mu_{11}^{(1)}\mu_{43}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} - \mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{40}^{(2)}\mu_{07}^{(2)} - 4\mu_{11}^{(1)}\mu_{34}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} \\
& +4\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{31}^{(2)}\mu_{16}^{(2)} - 4\mu_{13}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} - 8\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{25}^{(2)} \\
& -6\mu_{11}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} - 6\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{22}^{(2)}\mu_{25}^{(2)} + 4\mu_{13}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} \\
& +4\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{34}^{(2)} + 4\mu_{11}^{(1)}\mu_{34}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} + 4\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{13}^{(2)}\mu_{34}^{(2)}
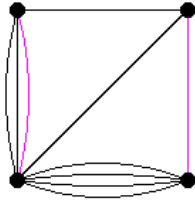\end{aligned}
$$

$$+4\mu^{(1)}_{12}\mu^{(1)}_{31}\mu^{(2)}_{02}\mu^{(2)}_{43} + \mu^{(1)}_{11}\mu^{(1)}_{34}\mu^{(2)}_{03}\mu^{(2)}_{40} - \mu^{(1)}_{11}\mu^{(1)}_{30}\mu^{(2)}_{04}\mu^{(2)}_{43}$$
$$+\mu^{(1)}_{11}\mu^{(1)}_{21}\mu^{(2)}_{40}\mu^{(2)}_{16} + 6\mu^{(1)}_{11}\mu^{(1)}_{25}\mu^{(2)}_{30}\mu^{(2)}_{22} - 4\mu^{(1)}_{11}\mu^{(1)}_{21}\mu^{(2)}_{31}\mu^{(2)}_{25}$$
$$+12\mu^{(1)}_{12}\mu^{(1)}_{22}\mu^{(2)}_{20}\mu^{(2)}_{34} + 4\mu^{(1)}_{11}\mu^{(1)}_{25}\mu^{(2)}_{21}\mu^{(2)}_{31} + 6\mu^{(1)}_{11}\mu^{(1)}_{21}\mu^{(2)}_{22}\mu^{(2)}_{34}$$
$$-6\mu^{(1)}_{12}\mu^{(1)}_{22}\mu^{(2)}_{11}\mu^{(2)}_{43} - \mu^{(1)}_{11}\mu^{(1)}_{25}\mu^{(2)}_{12}\mu^{(2)}_{40} - 4\mu^{(1)}_{11}\mu^{(1)}_{21}\mu^{(2)}_{13}\mu^{(2)}_{43}$$
$$-6\mu^{(1)}_{12}\mu^{(1)}_{22}\mu^{(2)}_{02}\mu^{(2)}_{52} + \mu^{(1)}_{11}\mu^{(1)}_{21}\mu^{(2)}_{04}\mu^{(2)}_{52} + \mu^{(1)}_{11}\mu^{(1)}_{12}\mu^{(2)}_{40}\mu^{(2)}_{25}$$
$$-4\mu^{(1)}_{11}\mu^{(1)}_{16}\mu^{(2)}_{30}\mu^{(2)}_{31} - 4\mu^{(1)}_{11}\mu^{(1)}_{12}\mu^{(2)}_{31}\mu^{(2)}_{34} - 8\mu^{(1)}_{12}\mu^{(1)}_{13}\mu^{(2)}_{20}\mu^{(2)}_{43}$$
$$-\mu^{(1)}_{11}\mu^{(1)}_{16}\mu^{(2)}_{21}\mu^{(2)}_{40} + 6\mu^{(1)}_{11}\mu^{(1)}_{12}\mu^{(2)}_{22}\mu^{(2)}_{43} + 4\mu^{(1)}_{12}\mu^{(1)}_{13}\mu^{(2)}_{11}\mu^{(2)}_{52}$$
$$-4\mu^{(1)}_{11}\mu^{(1)}_{12}\mu^{(2)}_{13}\mu^{(2)}_{52} + 4\mu^{(1)}_{12}\mu^{(1)}_{13}\mu^{(2)}_{02}\mu^{(2)}_{61} + \mu^{(1)}_{11}\mu^{(1)}_{12}\mu^{(2)}_{04}\mu^{(2)}_{61}$$
$$-\mu^{(1)}_{11}\mu^{(1)}_{03}\mu^{(2)}_{40}\mu^{(2)}_{34} + \mu^{(1)}_{11}\mu^{(1)}_{07}\mu^{(2)}_{30}\mu^{(2)}_{40} + 4\mu^{(1)}_{11}\mu^{(1)}_{03}\mu^{(2)}_{31}\mu^{(2)}_{43}$$
$$+2\mu^{(1)}_{12}\mu^{(1)}_{04}\mu^{(2)}_{20}\mu^{(2)}_{52} - 6\mu^{(1)}_{11}\mu^{(1)}_{03}\mu^{(2)}_{22}\mu^{(2)}_{52} - \mu^{(1)}_{12}\mu^{(1)}_{04}\mu^{(2)}_{11}\mu^{(2)}_{61}$$
$$+4\mu^{(1)}_{11}\mu^{(1)}_{03}\mu^{(2)}_{13}\mu^{(2)}_{61} - \mu^{(1)}_{12}\mu^{(1)}_{04}\mu^{(2)}_{02}\mu^{(2)}_{70} - \mu^{(1)}_{11}\mu^{(1)}_{03}\mu^{(2)}_{04}\mu^{(2)}_{70}$$
$$-\mu^{(1)}_{04}\mu^{(1)}_{70}\mu^{(2)}_{11}\mu^{(2)}_{03} - \mu^{(1)}_{02}\mu^{(1)}_{70}\mu^{(2)}_{12}\mu^{(2)}_{04} + \mu^{(1)}_{04}\mu^{(1)}_{70}\mu^{(2)}_{02}\mu^{(2)}_{12}$$
$$+\mu^{(1)}_{04}\mu^{(1)}_{61}\mu^{(2)}_{20}\mu^{(2)}_{03} + 2\mu^{(1)}_{02}\mu^{(1)}_{61}\mu^{(2)}_{21}\mu^{(2)}_{04} + \mu^{(1)}_{04}\mu^{(1)}_{61}\mu^{(2)}_{11}\mu^{(2)}_{12}$$
$$+4\mu^{(1)}_{02}\mu^{(1)}_{61}\mu^{(2)}_{12}\mu^{(2)}_{13} - 2\mu^{(1)}_{04}\mu^{(1)}_{61}\mu^{(2)}_{02}\mu^{(2)}_{21} - \mu^{(1)}_{02}\mu^{(1)}_{52}\mu^{(2)}_{30}\mu^{(2)}_{04}$$
$$-2\mu^{(1)}_{04}\mu^{(1)}_{52}\mu^{(2)}_{20}\mu^{(2)}_{12} - 8\mu^{(1)}_{02}\mu^{(1)}_{52}\mu^{(2)}_{21}\mu^{(2)}_{13} + \mu^{(1)}_{04}\mu^{(1)}_{52}\mu^{(2)}_{11}\mu^{(2)}_{21}$$
$$-6\mu^{(1)}_{02}\mu^{(1)}_{52}\mu^{(2)}_{12}\mu^{(2)}_{22} + \mu^{(1)}_{04}\mu^{(1)}_{52}\mu^{(2)}_{02}\mu^{(2)}_{30} + 4\mu^{(1)}_{02}\mu^{(1)}_{43}\mu^{(2)}_{30}\mu^{(2)}_{13}$$
$$+\mu^{(1)}_{04}\mu^{(1)}_{43}\mu^{(2)}_{20}\mu^{(2)}_{21} - \mu^{(1)}_{03}\mu^{(1)}_{40}\mu^{(2)}_{20}\mu^{(2)}_{25} + 12\mu^{(1)}_{02}\mu^{(1)}_{43}\mu^{(2)}_{21}\mu^{(2)}_{22}$$
$$-\mu^{(1)}_{04}\mu^{(1)}_{43}\mu^{(2)}_{11}\mu^{(2)}_{30} + \mu^{(1)}_{03}\mu^{(1)}_{40}\mu^{(2)}_{11}\mu^{(2)}_{34} + 4\mu^{(1)}_{02}\mu^{(1)}_{43}\mu^{(2)}_{12}\mu^{(2)}_{31}$$
$$+\mu^{(1)}_{02}\mu^{(1)}_{30}\mu^{(2)}_{40}\mu^{(2)}_{16} - 6\mu^{(1)}_{02}\mu^{(1)}_{34}\mu^{(2)}_{30}\mu^{(2)}_{22} - 4\mu^{(1)}_{02}\mu^{(1)}_{30}\mu^{(2)}_{31}\mu^{(2)}_{25}$$
$$+4\mu^{(1)}_{03}\mu^{(1)}_{31}\mu^{(2)}_{20}\mu^{(2)}_{34} - 8\mu^{(1)}_{02}\mu^{(1)}_{34}\mu^{(2)}_{21}\mu^{(2)}_{31} + 6\mu^{(1)}_{02}\mu^{(1)}_{30}\mu^{(2)}_{22}\mu^{(2)}_{34}$$
$$-4\mu^{(1)}_{03}\mu^{(1)}_{31}\mu^{(2)}_{11}\mu^{(2)}_{43} - \mu^{(1)}_{02}\mu^{(1)}_{34}\mu^{(2)}_{12}\mu^{(2)}_{40} - 4\mu^{(1)}_{02}\mu^{(1)}_{30}\mu^{(2)}_{13}\mu^{(2)}_{43}$$
$$+\mu^{(1)}_{02}\mu^{(1)}_{30}\mu^{(2)}_{04}\mu^{(2)}_{52} - 2\mu^{(1)}_{02}\mu^{(1)}_{21}\mu^{(2)}_{40}\mu^{(2)}_{25} + 4\mu^{(1)}_{02}\mu^{(1)}_{25}\mu^{(2)}_{30}\mu^{(2)}_{31}$$
$$+8\mu^{(1)}_{02}\mu^{(1)}_{21}\mu^{(2)}_{31}\mu^{(2)}_{34} - 6\mu^{(1)}_{03}\mu^{(1)}_{22}\mu^{(2)}_{20}\mu^{(2)}_{43} + 2\mu^{(1)}_{02}\mu^{(1)}_{25}\mu^{(2)}_{21}\mu^{(2)}_{40}$$
$$-12\mu^{(1)}_{02}\mu^{(1)}_{21}\mu^{(2)}_{22}\mu^{(2)}_{43} + 6\mu^{(1)}_{03}\mu^{(1)}_{22}\mu^{(2)}_{11}\mu^{(2)}_{52} + 8\mu^{(1)}_{02}\mu^{(1)}_{21}\mu^{(2)}_{13}\mu^{(2)}_{52}$$
$$-2\mu^{(1)}_{02}\mu^{(1)}_{21}\mu^{(2)}_{04}\mu^{(2)}_{61} + \mu^{(1)}_{02}\mu^{(1)}_{12}\mu^{(2)}_{40}\mu^{(2)}_{34} - \mu^{(1)}_{02}\mu^{(1)}_{16}\mu^{(2)}_{30}\mu^{(2)}_{40}$$
$$-4\mu^{(1)}_{02}\mu^{(1)}_{12}\mu^{(2)}_{31}\mu^{(2)}_{43} + 4\mu^{(1)}_{03}\mu^{(1)}_{13}\mu^{(2)}_{20}\mu^{(2)}_{52} + 6\mu^{(1)}_{02}\mu^{(1)}_{12}\mu^{(2)}_{22}\mu^{(2)}_{52}$$
$$-4\mu^{(1)}_{03}\mu^{(1)}_{13}\mu^{(2)}_{11}\mu^{(2)}_{61} - 4\mu^{(1)}_{02}\mu^{(1)}_{12}\mu^{(2)}_{13}\mu^{(2)}_{61} + \mu^{(1)}_{02}\mu^{(1)}_{12}\mu^{(2)}_{04}\mu^{(2)}_{70}$$
$$-\mu^{(1)}_{03}\mu^{(1)}_{04}\mu^{(2)}_{20}\mu^{(2)}_{61} + \mu^{(1)}_{03}\mu^{(1)}_{04}\mu^{(2)}_{11}\mu^{(2)}_{70}$$

weight=8
structure: 1,1,1,0,0,1
Generating graph:

$$\begin{array}{cccccccc \quad cc}
1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 & \quad 1 & 3 \\
2 & 2 & 3 & 3 & 3 & 3 & 4 & 4 & \quad 2 & 4
\end{array}$$

$$
\begin{aligned}
V_{53} \;=\; & \mu_{30}^{(1)}\mu_{52}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} - \mu_{30}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} + \mu_{30}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{07}^{(2)} \\
& -4\mu_{30}^{(1)}\mu_{43}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} - \mu_{30}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{16}^{(2)} + 4\mu_{30}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} \\
& -4\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{16}^{(2)} + 6\mu_{30}^{(1)}\mu_{34}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} + 4\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{25}^{(2)} \\
& -6\mu_{30}^{(1)}\mu_{25}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} + 6\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{25}^{(2)} - 4\mu_{30}^{(1)}\mu_{25}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} \\
& -6\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{34}^{(2)} + 4\mu_{30}^{(1)}\mu_{16}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} - 4\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{34}^{(2)} \\
& +\mu_{30}^{(1)}\mu_{16}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} + 4\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{43}^{(2)} - \mu_{30}^{(1)}\mu_{07}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} \\
& +\mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{43}^{(2)} - \mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{52}^{(2)} - 2\mu_{21}^{(1)}\mu_{61}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{61}^{(1)}\mu_{03}^{(2)}\mu_{04}^{(2)} + \mu_{21}^{(1)}\mu_{52}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} + 2\mu_{20}^{(1)}\mu_{52}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)} \\
& +8\mu_{21}^{(1)}\mu_{52}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} + 4\mu_{20}^{(1)}\mu_{52}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} + \mu_{21}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} \\
& -\mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{20}^{(2)}\mu_{07}^{(2)} - \mu_{20}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} + \mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{21}^{(2)}\mu_{07}^{(2)} \\
& -4\mu_{21}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} - \mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{16}^{(2)} - 8\mu_{20}^{(1)}\mu_{43}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} \\
& -2\mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{16}^{(2)} - 12\mu_{21}^{(1)}\mu_{43}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} + 2\mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{25}^{(2)} \\
& -6\mu_{20}^{(1)}\mu_{43}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} + \mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{25}^{(2)} - 4\mu_{21}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} \\
& +4\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{16}^{(2)} + 4\mu_{20}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} - 4\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{16}^{(2)} \\
& +6\mu_{21}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} + 4\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{25}^{(2)} + 12\mu_{20}^{(1)}\mu_{34}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} \\
& +8\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{12}^{(2)}\mu_{25}^{(2)} + 8\mu_{21}^{(1)}\mu_{34}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} - 8\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{34}^{(2)} \\
& +4\mu_{20}^{(1)}\mu_{34}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} - 4\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{34}^{(2)} + 6\mu_{21}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} \\
& -6\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{25}^{(2)} - 6\mu_{20}^{(1)}\mu_{25}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} + 6\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{25}^{(2)} \\
& -4\mu_{21}^{(1)}\mu_{25}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} - 6\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{34}^{(2)} - 8\mu_{20}^{(1)}\mu_{25}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} \\
& -12\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{34}^{(2)} - 2\mu_{21}^{(1)}\mu_{25}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} + 12\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{43}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{25}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} + 6\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{43}^{(2)} - 4\mu_{21}^{(1)}\mu_{16}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} \\
& +4\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{34}^{(2)} + 4\mu_{20}^{(1)}\mu_{16}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} - 4\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{21}^{(2)}\mu_{34}^{(2)} \\
& +\mu_{21}^{(1)}\mu_{16}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} + 4\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{43}^{(2)} + 2\mu_{20}^{(1)}\mu_{16}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} \\
& +8\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{43}^{(2)} - 8\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{52}^{(2)} - 4\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{03}^{(2)}\mu_{52}^{(2)} \\
& +\mu_{21}^{(1)}\mu_{07}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)} - \mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{43}^{(2)} - \mu_{20}^{(1)}\mu_{07}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{43}^{(2)} - \mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{52}^{(2)} - 2\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{12}^{(2)}\mu_{52}^{(2)} \\
& +2\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{61}^{(2)} + \mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{03}^{(2)}\mu_{61}^{(2)} + \mu_{12}^{(1)}\mu_{70}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} \\
& +\mu_{11}^{(1)}\mu_{70}^{(1)}\mu_{03}^{(2)}\mu_{04}^{(2)} + \mu_{12}^{(1)}\mu_{61}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} - \mu_{11}^{(1)}\mu_{61}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)} \\
& -4\mu_{12}^{(1)}\mu_{61}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} - 4\mu_{11}^{(1)}\mu_{61}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} - 2\mu_{12}^{(1)}\mu_{52}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} \\
& -\mu_{11}^{(1)}\mu_{52}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} - 4\mu_{12}^{(1)}\mu_{52}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} + 4\mu_{11}^{(1)}\mu_{52}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} \\
& +6\mu_{12}^{(1)}\mu_{52}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} + 6\mu_{11}^{(1)}\mu_{52}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} + \mu_{11}^{(1)}\mu_{43}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} \\
& -\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{30}^{(2)}\mu_{07}^{(2)} + 8\mu_{12}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} + 2\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{20}^{(2)}\mu_{16}^{(2)} \\
& +4\mu_{11}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} + \mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{21}^{(2)}\mu_{16}^{(2)} + 6\mu_{12}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} \\
& -\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{25}^{(2)} - 6\mu_{11}^{(1)}\mu_{43}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} + \mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{25}^{(2)} \\
& -4\mu_{12}^{(1)}\mu_{43}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} - \mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{34}^{(2)} - 4\mu_{11}^{(1)}\mu_{43}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} \\
& -\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{34}^{(2)} - 4\mu_{11}^{(1)}\mu_{34}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} + 4\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{30}^{(2)}\mu_{16}^{(2)} \\
& -12\mu_{12}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} - 8\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{25}^{(2)} - 6\mu_{11}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} \\
& -4\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{25}^{(2)} - 4\mu_{12}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} + 4\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{34}^{(2)} \\
& +4\mu_{11}^{(1)}\mu_{34}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} - 4\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{12}^{(2)}\mu_{34}^{(2)} + \mu_{12}^{(1)}\mu_{34}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)}
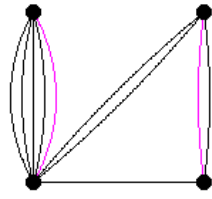\end{aligned}
$$

$$+4\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{43}^{(2)} + \mu_{11}^{(1)}\mu_{34}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} + 4\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{43}^{(2)}$$
$$+6\mu_{11}^{(1)}\mu_{25}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} - 6\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{25}^{(2)} + 8\mu_{12}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)}$$
$$+12\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{34}^{(2)} + 4\mu_{11}^{(1)}\mu_{25}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} + 6\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{34}^{(2)}$$
$$+\mu_{12}^{(1)}\mu_{25}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} - 6\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{43}^{(2)} - \mu_{11}^{(1)}\mu_{25}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)}$$
$$+6\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{43}^{(2)} - 6\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{52}^{(2)} - 6\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{52}^{(2)}$$
$$-4\mu_{11}^{(1)}\mu_{16}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} + 4\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{34}^{(2)} - 2\mu_{12}^{(1)}\mu_{16}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)}$$
$$-8\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{43}^{(2)} - \mu_{11}^{(1)}\mu_{16}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)} - 4\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{21}^{(2)}\mu_{43}^{(2)}$$
$$+4\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{52}^{(2)} - 4\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{52}^{(2)} + 4\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{61}^{(2)}$$
$$+4\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{03}^{(2)}\mu_{61}^{(2)} + \mu_{11}^{(1)}\mu_{07}^{(1)}\mu_{30}^{(2)}\mu_{40}^{(2)} - \mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{43}^{(2)}$$
$$+2\mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{52}^{(2)} + \mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{52}^{(2)} - \mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{61}^{(2)}$$
$$+\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{12}^{(2)}\mu_{61}^{(2)} - \mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{70}^{(2)} - \mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{03}^{(2)}\mu_{70}^{(2)}$$
$$-\mu_{03}^{(1)}\mu_{70}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} - \mu_{02}^{(1)}\mu_{70}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)} + \mu_{03}^{(1)}\mu_{61}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)}$$
$$+2\mu_{02}^{(1)}\mu_{61}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} + 4\mu_{03}^{(1)}\mu_{61}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} + 4\mu_{02}^{(1)}\mu_{61}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{52}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} - 4\mu_{03}^{(1)}\mu_{52}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} - 8\mu_{02}^{(1)}\mu_{52}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)}$$
$$-6\mu_{03}^{(1)}\mu_{52}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} - 6\mu_{02}^{(1)}\mu_{52}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} + 4\mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)}$$
$$+\mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{30}^{(2)}\mu_{16}^{(2)} + 6\mu_{03}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} - \mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{20}^{(2)}\mu_{25}^{(2)}$$
$$+12\mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} - 2\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{21}^{(2)}\mu_{25}^{(2)} + 4\mu_{03}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)}$$
$$+\mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{34}^{(2)} + 4\mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} + \mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{34}^{(2)}$$
$$-6\mu_{02}^{(1)}\mu_{34}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} - 4\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{30}^{(2)}\mu_{25}^{(2)} - 4\mu_{03}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)}$$
$$+4\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{34}^{(2)} - 8\mu_{02}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} + 8\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{34}^{(2)}$$
$$-\mu_{03}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} - 4\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{43}^{(2)} - \mu_{02}^{(1)}\mu_{34}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)}$$
$$-4\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{12}^{(2)}\mu_{43}^{(2)} + 4\mu_{02}^{(1)}\mu_{25}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} + 6\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{34}^{(2)}$$
$$+\mu_{03}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)} - 6\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{43}^{(2)} + 2\mu_{02}^{(1)}\mu_{25}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)}$$
$$-12\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{43}^{(2)} + 6\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{52}^{(2)} + 6\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{52}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{16}^{(1)}\mu_{30}^{(2)}\mu_{40}^{(2)} - 4\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{43}^{(2)} + 4\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{52}^{(2)}$$
$$+8\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{21}^{(2)}\mu_{52}^{(2)} - 4\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{61}^{(2)} - 4\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{61}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{52}^{(2)} - \mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{61}^{(2)} - 2\mu_{02}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{61}^{(2)}$$
$$+\mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{70}^{(2)} + \mu_{02}^{(1)}\mu_{04}^{(1)}\mu_{12}^{(2)}\mu_{70}^{(2)}$$

weight=8
structure: 1,1,1,0,0,1
Generating graph:

1	1	1	1	1	1	1	2		1	2
2	2	3	3	3	3	4	4		3	4

$$
\begin{aligned}
V_{54} \;=\;& \mu^{(1)}_{40}\mu^{(1)}_{52}\mu^{(2)}_{03}\mu^{(2)}_{04} - \mu^{(1)}_{40}\mu^{(1)}_{43}\mu^{(2)}_{12}\mu^{(2)}_{04} - 4\mu^{(1)}_{40}\mu^{(1)}_{43}\mu^{(2)}_{03}\mu^{(2)}_{13} \\
& -\mu^{(1)}_{40}\mu^{(1)}_{34}\mu^{(2)}_{21}\mu^{(2)}_{04} + 6\mu^{(1)}_{40}\mu^{(1)}_{34}\mu^{(2)}_{12}\mu^{(2)}_{13} + 5\mu^{(1)}_{40}\mu^{(1)}_{34}\mu^{(2)}_{03}\mu^{(2)}_{22} \\
& +\mu^{(1)}_{40}\mu^{(1)}_{25}\mu^{(2)}_{30}\mu^{(2)}_{04} - 9\mu^{(1)}_{40}\mu^{(1)}_{25}\mu^{(2)}_{12}\mu^{(2)}_{22} - 2\mu^{(1)}_{40}\mu^{(1)}_{25}\mu^{(2)}_{03}\mu^{(2)}_{31} \\
& -2\mu^{(1)}_{40}\mu^{(1)}_{16}\mu^{(2)}_{30}\mu^{(2)}_{13} + 3\mu^{(1)}_{40}\mu^{(1)}_{16}\mu^{(2)}_{21}\mu^{(2)}_{22} + 4\mu^{(1)}_{40}\mu^{(1)}_{16}\mu^{(2)}_{12}\mu^{(2)}_{31} \\
& +\mu^{(1)}_{40}\mu^{(1)}_{07}\mu^{(2)}_{30}\mu^{(2)}_{22} - 2\mu^{(1)}_{40}\mu^{(1)}_{07}\mu^{(2)}_{21}\mu^{(2)}_{31} - 2\mu^{(1)}_{31}\mu^{(1)}_{61}\mu^{(2)}_{03}\mu^{(2)}_{04} \\
& +8\mu^{(1)}_{31}\mu^{(1)}_{52}\mu^{(2)}_{03}\mu^{(2)}_{13} + 6\mu^{(1)}_{31}\mu^{(1)}_{43}\mu^{(2)}_{21}\mu^{(2)}_{04} - \mu^{(1)}_{30}\mu^{(1)}_{40}\mu^{(2)}_{22}\mu^{(2)}_{07} \\
& -8\mu^{(1)}_{31}\mu^{(1)}_{43}\mu^{(2)}_{12}\mu^{(2)}_{13} + 2\mu^{(1)}_{30}\mu^{(1)}_{40}\mu^{(2)}_{13}\mu^{(2)}_{16} - 8\mu^{(1)}_{31}\mu^{(1)}_{43}\mu^{(2)}_{03}\mu^{(2)}_{22} \\
& -\mu^{(1)}_{30}\mu^{(1)}_{40}\mu^{(2)}_{04}\mu^{(2)}_{25} - 4\mu^{(1)}_{31}\mu^{(1)}_{34}\mu^{(2)}_{30}\mu^{(2)}_{04} - 8\mu^{(1)}_{31}\mu^{(1)}_{34}\mu^{(2)}_{21}\mu^{(2)}_{13} \\
& +4\mu^{(1)}_{30}\mu^{(1)}_{31}\mu^{(2)}_{22}\mu^{(2)}_{16} + 12\mu^{(1)}_{31}\mu^{(1)}_{34}\mu^{(2)}_{12}\mu^{(2)}_{22} - 8\mu^{(1)}_{30}\mu^{(1)}_{31}\mu^{(2)}_{13}\mu^{(2)}_{25} \\
& +4\mu^{(1)}_{30}\mu^{(1)}_{31}\mu^{(2)}_{04}\mu^{(2)}_{34} + \mu^{(1)}_{30}\mu^{(1)}_{22}\mu^{(2)}_{40}\mu^{(2)}_{07} + 8\mu^{(1)}_{31}\mu^{(1)}_{25}\mu^{(2)}_{30}\mu^{(2)}_{13} \\
& -4\mu^{(1)}_{30}\mu^{(1)}_{22}\mu^{(2)}_{31}\mu^{(2)}_{16} + 8\mu^{(1)}_{30}\mu^{(1)}_{22}\mu^{(2)}_{13}\mu^{(2)}_{34} + 2\mu^{(1)}_{31}\mu^{(1)}_{25}\mu^{(2)}_{03}\mu^{(2)}_{40} \\
& -5\mu^{(1)}_{30}\mu^{(1)}_{22}\mu^{(2)}_{04}\mu^{(2)}_{43} - 2\mu^{(1)}_{30}\mu^{(1)}_{13}\mu^{(2)}_{40}\mu^{(2)}_{16} - 4\mu^{(1)}_{31}\mu^{(1)}_{16}\mu^{(2)}_{30}\mu^{(2)}_{22} \\
& +8\mu^{(1)}_{30}\mu^{(1)}_{13}\mu^{(2)}_{31}\mu^{(2)}_{25} - 8\mu^{(1)}_{30}\mu^{(1)}_{13}\mu^{(2)}_{22}\mu^{(2)}_{34} - 4\mu^{(1)}_{31}\mu^{(1)}_{16}\mu^{(2)}_{12}\mu^{(2)}_{40} \\
& +2\mu^{(1)}_{30}\mu^{(1)}_{13}\mu^{(2)}_{04}\mu^{(2)}_{52} + \mu^{(1)}_{30}\mu^{(1)}_{04}\mu^{(2)}_{40}\mu^{(2)}_{25} - 4\mu^{(1)}_{30}\mu^{(1)}_{04}\mu^{(2)}_{31}\mu^{(2)}_{34} \\
& +2\mu^{(1)}_{31}\mu^{(1)}_{07}\mu^{(2)}_{21}\mu^{(2)}_{40} + 5\mu^{(1)}_{30}\mu^{(1)}_{04}\mu^{(2)}_{22}\mu^{(2)}_{43} - 2\mu^{(1)}_{30}\mu^{(1)}_{04}\mu^{(2)}_{13}\mu^{(2)}_{52} \\
& +\mu^{(1)}_{22}\mu^{(1)}_{70}\mu^{(2)}_{03}\mu^{(2)}_{04} + 3\mu^{(1)}_{22}\mu^{(1)}_{61}\mu^{(2)}_{12}\mu^{(2)}_{04} - 4\mu^{(1)}_{22}\mu^{(1)}_{61}\mu^{(2)}_{03}\mu^{(2)}_{13} \\
& -9\mu^{(1)}_{22}\mu^{(1)}_{52}\mu^{(2)}_{21}\mu^{(2)}_{04} + 5\mu^{(1)}_{22}\mu^{(1)}_{43}\mu^{(2)}_{30}\mu^{(2)}_{04} + 2\mu^{(1)}_{21}\mu^{(1)}_{40}\mu^{(2)}_{31}\mu^{(2)}_{07} \\
& +12\mu^{(1)}_{22}\mu^{(1)}_{43}\mu^{(2)}_{21}\mu^{(2)}_{13} - 3\mu^{(1)}_{21}\mu^{(1)}_{40}\mu^{(2)}_{22}\mu^{(2)}_{16} + 8\mu^{(1)}_{22}\mu^{(1)}_{43}\mu^{(2)}_{03}\mu^{(2)}_{31} \\
& +\mu^{(1)}_{21}\mu^{(1)}_{40}\mu^{(2)}_{04}\mu^{(2)}_{34} - 2\mu^{(1)}_{21}\mu^{(1)}_{31}\mu^{(2)}_{40}\mu^{(2)}_{07} - 8\mu^{(1)}_{22}\mu^{(1)}_{34}\mu^{(2)}_{30}\mu^{(2)}_{13} \\
& -12\mu^{(1)}_{22}\mu^{(1)}_{34}\mu^{(2)}_{12}\mu^{(2)}_{31} + 8\mu^{(1)}_{21}\mu^{(1)}_{31}\mu^{(2)}_{13}\mu^{(2)}_{34} - 5\mu^{(1)}_{22}\mu^{(1)}_{34}\mu^{(2)}_{03}\mu^{(2)}_{40} \\
& -6\mu^{(1)}_{21}\mu^{(1)}_{31}\mu^{(2)}_{04}\mu^{(2)}_{43} + 3\mu^{(1)}_{21}\mu^{(1)}_{22}\mu^{(2)}_{40}\mu^{(2)}_{16} + 9\mu^{(1)}_{22}\mu^{(1)}_{25}\mu^{(2)}_{12}\mu^{(2)}_{40} \\
& -12\mu^{(1)}_{21}\mu^{(1)}_{22}\mu^{(2)}_{13}\mu^{(2)}_{43} + 9\mu^{(1)}_{21}\mu^{(1)}_{22}\mu^{(2)}_{04}\mu^{(2)}_{52} + 4\mu^{(1)}_{22}\mu^{(1)}_{16}\mu^{(2)}_{30}\mu^{(2)}_{31} \\
& -8\mu^{(1)}_{21}\mu^{(1)}_{13}\mu^{(2)}_{31}\mu^{(2)}_{34} - 3\mu^{(1)}_{22}\mu^{(1)}_{16}\mu^{(2)}_{21}\mu^{(2)}_{40} + 12\mu^{(1)}_{21}\mu^{(1)}_{13}\mu^{(2)}_{22}\mu^{(2)}_{43} \\
& -4\mu^{(1)}_{21}\mu^{(1)}_{13}\mu^{(2)}_{04}\mu^{(2)}_{61} - \mu^{(1)}_{21}\mu^{(1)}_{04}\mu^{(2)}_{40}\mu^{(2)}_{34} - \mu^{(1)}_{22}\mu^{(1)}_{07}\mu^{(2)}_{30}\mu^{(2)}_{40} \\
& +6\mu^{(1)}_{21}\mu^{(1)}_{04}\mu^{(2)}_{31}\mu^{(2)}_{43} - 9\mu^{(1)}_{21}\mu^{(1)}_{04}\mu^{(2)}_{22}\mu^{(2)}_{52} + 4\mu^{(1)}_{21}\mu^{(1)}_{04}\mu^{(2)}_{13}\mu^{(2)}_{61} \\
& -2\mu^{(1)}_{13}\mu^{(1)}_{70}\mu^{(2)}_{12}\mu^{(2)}_{04} + 4\mu^{(1)}_{13}\mu^{(1)}_{61}\mu^{(2)}_{21}\mu^{(2)}_{04} + 4\mu^{(1)}_{13}\mu^{(1)}_{61}\mu^{(2)}_{03}\mu^{(2)}_{22} \\
& -2\mu^{(1)}_{13}\mu^{(1)}_{52}\mu^{(2)}_{30}\mu^{(2)}_{04} - 8\mu^{(1)}_{13}\mu^{(1)}_{52}\mu^{(2)}_{03}\mu^{(2)}_{31} - 4\mu^{(1)}_{12}\mu^{(1)}_{40}\mu^{(2)}_{31}\mu^{(2)}_{16} \\
& -12\mu^{(1)}_{13}\mu^{(1)}_{43}\mu^{(2)}_{21}\mu^{(2)}_{22} + 9\mu^{(1)}_{12}\mu^{(1)}_{40}\mu^{(2)}_{22}\mu^{(2)}_{25} + 8\mu^{(1)}_{13}\mu^{(1)}_{43}\mu^{(2)}_{12}\mu^{(2)}_{31} \\
& -6\mu^{(1)}_{12}\mu^{(1)}_{40}\mu^{(2)}_{13}\mu^{(2)}_{34} + 4\mu^{(1)}_{13}\mu^{(1)}_{43}\mu^{(2)}_{03}\mu^{(2)}_{40} + \mu^{(1)}_{12}\mu^{(1)}_{40}\mu^{(2)}_{04}\mu^{(2)}_{43} \\
& +4\mu^{(1)}_{12}\mu^{(1)}_{31}\mu^{(2)}_{40}\mu^{(2)}_{16} + 8\mu^{(1)}_{13}\mu^{(1)}_{34}\mu^{(2)}_{30}\mu^{(2)}_{22} + 8\mu^{(1)}_{13}\mu^{(1)}_{34}\mu^{(2)}_{21}\mu^{(2)}_{31} \\
& -12\mu^{(1)}_{12}\mu^{(1)}_{31}\mu^{(2)}_{22}\mu^{(2)}_{34} - 6\mu^{(1)}_{13}\mu^{(1)}_{34}\mu^{(2)}_{12}\mu^{(2)}_{40} + 8\mu^{(1)}_{12}\mu^{(1)}_{31}\mu^{(2)}_{13}\mu^{(2)}_{43} \\
& -9\mu^{(1)}_{12}\mu^{(1)}_{22}\mu^{(2)}_{40}\mu^{(2)}_{25} - 8\mu^{(1)}_{13}\mu^{(1)}_{25}\mu^{(2)}_{30}\mu^{(2)}_{31} + 12\mu^{(1)}_{12}\mu^{(1)}_{22}\mu^{(2)}_{31}\mu^{(2)}_{34} \\
& -3\mu^{(1)}_{12}\mu^{(1)}_{22}\mu^{(2)}_{04}\mu^{(2)}_{61} + 6\mu^{(1)}_{12}\mu^{(1)}_{13}\mu^{(2)}_{40}\mu^{(2)}_{34} + 2\mu^{(1)}_{13}\mu^{(1)}_{16}\mu^{(2)}_{30}\mu^{(2)}_{40} \\
& -8\mu^{(1)}_{12}\mu^{(1)}_{13}\mu^{(2)}_{31}\mu^{(2)}_{43} + 2\mu^{(1)}_{12}\mu^{(1)}_{13}\mu^{(2)}_{04}\mu^{(2)}_{70} - \mu^{(1)}_{12}\mu^{(1)}_{04}\mu^{(2)}_{40}\mu^{(2)}_{43} \\
& +3\mu^{(1)}_{12}\mu^{(1)}_{04}\mu^{(2)}_{22}\mu^{(2)}_{61} - 2\mu^{(1)}_{12}\mu^{(1)}_{04}\mu^{(2)}_{13}\mu^{(2)}_{70} + 2\mu^{(1)}_{04}\mu^{(1)}_{70}\mu^{(2)}_{12}\mu^{(2)}_{13} \\
& -\mu^{(1)}_{04}\mu^{(1)}_{70}\mu^{(2)}_{03}\mu^{(2)}_{22} - 4\mu^{(1)}_{04}\mu^{(1)}_{61}\mu^{(2)}_{21}\mu^{(2)}_{13} - 3\mu^{(1)}_{04}\mu^{(1)}_{61}\mu^{(2)}_{12}\mu^{(2)}_{22} \\
& +2\mu^{(1)}_{04}\mu^{(1)}_{61}\mu^{(2)}_{03}\mu^{(2)}_{31} + 2\mu^{(1)}_{04}\mu^{(1)}_{52}\mu^{(2)}_{30}\mu^{(2)}_{13} + 9\mu^{(1)}_{04}\mu^{(1)}_{52}\mu^{(2)}_{21}\mu^{(2)}_{22} \\
& -\mu^{(1)}_{04}\mu^{(1)}_{52}\mu^{(2)}_{03}\mu^{(2)}_{40} - 5\mu^{(1)}_{04}\mu^{(1)}_{43}\mu^{(2)}_{30}\mu^{(2)}_{22} + 2\mu^{(1)}_{03}\mu^{(1)}_{40}\mu^{(2)}_{31}\mu^{(2)}_{25} \\
& -6\mu^{(1)}_{04}\mu^{(1)}_{43}\mu^{(2)}_{21}\mu^{(2)}_{31} - 5\mu^{(1)}_{03}\mu^{(1)}_{40}\mu^{(2)}_{22}\mu^{(2)}_{34} + \mu^{(1)}_{04}\mu^{(1)}_{43}\mu^{(2)}_{12}\mu^{(2)}_{40}
\end{aligned}
$$

$$+4\mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{13}^{(2)}\mu_{43}^{(2)} - \mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{04}^{(2)}\mu_{52}^{(2)} - 2\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{40}^{(2)}\mu_{25}^{(2)}$$
$$+4\mu_{04}^{(1)}\mu_{34}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} + \mu_{04}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)} + 8\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{22}^{(2)}\mu_{43}^{(2)}$$
$$-8\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{13}^{(2)}\mu_{52}^{(2)} + 2\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{04}^{(2)}\mu_{61}^{(2)} + 5\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{40}^{(2)}\mu_{34}^{(2)}$$
$$-\mu_{04}^{(1)}\mu_{25}^{(1)}\mu_{30}^{(2)}\mu_{40}^{(2)} - 8\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{31}^{(2)}\mu_{43}^{(2)} + 4\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{13}^{(2)}\mu_{61}^{(2)}$$
$$-\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{04}^{(2)}\mu_{70}^{(2)} - 4\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{40}^{(2)}\mu_{43}^{(2)} + 8\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{31}^{(2)}\mu_{52}^{(2)}$$
$$-4\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{22}^{(2)}\mu_{61}^{(2)} + \mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{40}^{(2)}\mu_{52}^{(2)} - 2\mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{31}^{(2)}\mu_{61}^{(2)}$$
$$+\mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{22}^{(2)}\mu_{70}^{(2)}$$

weight=9

structure: 0,1,2,0,0,1

Generating graph:

1	1	1	1	1	1	1	2	2		1	2
2	2	3	3	3	3	4	4	4		4	3

$$
\begin{aligned}
V_{55} = {}& \mu_{30}^{(1)}\mu_{61}^{(1)}\mu_{03}^{(2)}\mu_{05}^{(2)} - 3\mu_{30}^{(1)}\mu_{52}^{(1)}\mu_{12}^{(2)}\mu_{05}^{(2)} + \mu_{30}^{(1)}\mu_{50}^{(1)}\mu_{12}^{(2)}\mu_{07}^{(2)} \\
& - 3\mu_{30}^{(1)}\mu_{52}^{(1)}\mu_{03}^{(2)}\mu_{14}^{(2)} - \mu_{30}^{(1)}\mu_{50}^{(1)}\mu_{03}^{(2)}\mu_{16}^{(2)} + 2\mu_{30}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} \\
& - 2\mu_{30}^{(1)}\mu_{41}^{(1)}\mu_{21}^{(2)}\mu_{07}^{(2)} + 11\mu_{30}^{(1)}\mu_{43}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} - \mu_{30}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{16}^{(2)} \\
& + 2\mu_{30}^{(1)}\mu_{43}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)} + 3\mu_{30}^{(1)}\mu_{41}^{(1)}\mu_{03}^{(2)}\mu_{25}^{(2)} - 8\mu_{30}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} \\
& + 8\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{16}^{(2)} - 14\mu_{30}^{(1)}\mu_{34}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} - 6\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{25}^{(2)} \\
& + 2\mu_{30}^{(1)}\mu_{34}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} - 2\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{03}^{(2)}\mu_{34}^{(2)} + 12\mu_{30}^{(1)}\mu_{25}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} \\
& - 12\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{25}^{(2)} + 6\mu_{30}^{(1)}\mu_{25}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} + 14\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{34}^{(2)} \\
& - 3\mu_{30}^{(1)}\mu_{25}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} - 2\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{03}^{(2)}\mu_{43}^{(2)} - 8\mu_{30}^{(1)}\mu_{16}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} \\
& + 8\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{34}^{(2)} + \mu_{30}^{(1)}\mu_{16}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} - 11\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{12}^{(2)}\mu_{43}^{(2)} \\
& + \mu_{30}^{(1)}\mu_{16}^{(1)}\mu_{03}^{(2)}\mu_{50}^{(2)} + 3\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{03}^{(2)}\mu_{52}^{(2)} + 2\mu_{30}^{(1)}\mu_{07}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} \\
& - 2\mu_{30}^{(1)}\mu_{05}^{(1)}\mu_{21}^{(2)}\mu_{43}^{(2)} - \mu_{30}^{(1)}\mu_{07}^{(1)}\mu_{12}^{(2)}\mu_{50}^{(2)} + 3\mu_{30}^{(1)}\mu_{05}^{(1)}\mu_{12}^{(2)}\mu_{52}^{(2)} \\
& - \mu_{30}^{(1)}\mu_{05}^{(1)}\mu_{03}^{(2)}\mu_{61}^{(2)} - \mu_{21}^{(1)}\mu_{70}^{(1)}\mu_{03}^{(2)}\mu_{05}^{(2)} + 3\mu_{21}^{(1)}\mu_{61}^{(1)}\mu_{12}^{(2)}\mu_{05}^{(2)} \\
& + \mu_{21}^{(1)}\mu_{61}^{(1)}\mu_{03}^{(2)}\mu_{14}^{(2)} - 9\mu_{21}^{(1)}\mu_{52}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} - 3\mu_{21}^{(1)}\mu_{50}^{(1)}\mu_{12}^{(2)}\mu_{16}^{(2)} \\
& + 6\mu_{21}^{(1)}\mu_{52}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)} + 3\mu_{21}^{(1)}\mu_{50}^{(1)}\mu_{03}^{(2)}\mu_{25}^{(2)} - 2\mu_{21}^{(1)}\mu_{43}^{(1)}\mu_{30}^{(2)}\mu_{05}^{(2)} \\
& + 2\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{30}^{(2)}\mu_{07}^{(2)} + 6\mu_{21}^{(1)}\mu_{43}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} + 9\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{25}^{(2)} \\
& - 14\mu_{21}^{(1)}\mu_{43}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} - 11\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{03}^{(2)}\mu_{34}^{(2)} + 8\mu_{21}^{(1)}\mu_{34}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)} \\
& - 8\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{30}^{(2)}\mu_{16}^{(2)} + 6\mu_{21}^{(1)}\mu_{34}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} - 6\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{34}^{(2)} \\
& + 11\mu_{21}^{(1)}\mu_{34}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} + 14\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{03}^{(2)}\mu_{43}^{(2)} - 12\mu_{21}^{(1)}\mu_{25}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)} \\
& + 12\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{25}^{(2)} - 9\mu_{21}^{(1)}\mu_{25}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} - 6\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{43}^{(2)} \\
& - 3\mu_{21}^{(1)}\mu_{25}^{(1)}\mu_{03}^{(2)}\mu_{50}^{(2)} - 6\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{03}^{(2)}\mu_{52}^{(2)} + 8\mu_{21}^{(1)}\mu_{16}^{(1)}\mu_{30}^{(2)}\mu_{32}^{(2)} \\
& - 8\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{34}^{(2)} + 3\mu_{21}^{(1)}\mu_{16}^{(1)}\mu_{12}^{(2)}\mu_{50}^{(2)} + 9\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{12}^{(2)}\mu_{52}^{(2)} \\
& - \mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{03}^{(2)}\mu_{61}^{(2)} - 2\mu_{21}^{(1)}\mu_{07}^{(1)}\mu_{30}^{(2)}\mu_{41}^{(2)} + 2\mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{30}^{(2)}\mu_{43}^{(2)} \\
& - 3\mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{12}^{(2)}\mu_{61}^{(2)} + \mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{03}^{(2)}\mu_{70}^{(2)} + 2\mu_{12}^{(1)}\mu_{70}^{(1)}\mu_{03}^{(2)}\mu_{14}^{(2)} \\
& - 3\mu_{12}^{(1)}\mu_{61}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} - 8\mu_{12}^{(1)}\mu_{61}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)} + 3\mu_{12}^{(1)}\mu_{52}^{(1)}\mu_{30}^{(2)}\mu_{05}^{(2)} \\
& - \mu_{12}^{(1)}\mu_{50}^{(1)}\mu_{30}^{(2)}\mu_{07}^{(2)} + 9\mu_{12}^{(1)}\mu_{52}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} + 3\mu_{12}^{(1)}\mu_{50}^{(1)}\mu_{21}^{(2)}\mu_{16}^{(2)} \\
& + 12\mu_{12}^{(1)}\mu_{52}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} - 2\mu_{12}^{(1)}\mu_{50}^{(1)}\mu_{03}^{(2)}\mu_{34}^{(2)} - 11\mu_{12}^{(1)}\mu_{43}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)} \\
& + \mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{30}^{(2)}\mu_{16}^{(2)} - 6\mu_{12}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} - 9\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{21}^{(2)}\mu_{25}^{(2)} \\
& - 8\mu_{12}^{(1)}\mu_{43}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} + 8\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{03}^{(2)}\mu_{43}^{(2)} + 14\mu_{12}^{(1)}\mu_{34}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)} \\
& + 6\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{30}^{(2)}\mu_{25}^{(2)} - 6\mu_{12}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} + 6\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{34}^{(2)} \\
& + 2\mu_{12}^{(1)}\mu_{34}^{(1)}\mu_{03}^{(2)}\mu_{50}^{(2)} - 12\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{03}^{(2)}\mu_{52}^{(2)} - 6\mu_{12}^{(1)}\mu_{25}^{(1)}\mu_{30}^{(2)}\mu_{32}^{(2)} \\
& - 14\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{34}^{(2)} + 9\mu_{12}^{(1)}\mu_{25}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} + 6\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{43}^{(2)} \\
& + 8\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{03}^{(2)}\mu_{61}^{(2)} - \mu_{12}^{(1)}\mu_{16}^{(1)}\mu_{30}^{(2)}\mu_{41}^{(2)} + 11\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{43}^{(2)} \\
& - 3\mu_{12}^{(1)}\mu_{16}^{(1)}\mu_{21}^{(2)}\mu_{50}^{(2)} - 9\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{52}^{(2)} - 2\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{03}^{(2)}\mu_{70}^{(2)} \\
& + \mu_{12}^{(1)}\mu_{07}^{(1)}\mu_{30}^{(2)}\mu_{50}^{(2)} - 3\mu_{12}^{(1)}\mu_{05}^{(1)}\mu_{30}^{(2)}\mu_{52}^{(2)} + 3\mu_{12}^{(1)}\mu_{05}^{(1)}\mu_{21}^{(2)}\mu_{61}^{(2)} \\
& + \mu_{03}^{(1)}\mu_{70}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} - 2\mu_{03}^{(1)}\mu_{70}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} - \mu_{03}^{(1)}\mu_{61}^{(1)}\mu_{30}^{(2)}\mu_{05}^{(2)} \\
& - \mu_{03}^{(1)}\mu_{61}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} + 8\mu_{03}^{(1)}\mu_{61}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} + 3\mu_{03}^{(1)}\mu_{52}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)} \\
& + \mu_{03}^{(1)}\mu_{50}^{(1)}\mu_{30}^{(2)}\mu_{16}^{(2)} - 6\mu_{03}^{(1)}\mu_{52}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} - 3\mu_{03}^{(1)}\mu_{50}^{(1)}\mu_{21}^{(2)}\mu_{25}^{(2)} \\
& - 12\mu_{03}^{(1)}\mu_{52}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} + 2\mu_{03}^{(1)}\mu_{50}^{(1)}\mu_{12}^{(2)}\mu_{34}^{(2)} - 2\mu_{03}^{(1)}\mu_{43}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)} \\
& - 3\mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{30}^{(2)}\mu_{25}^{(2)} + 14\mu_{03}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} + 11\mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{21}^{(2)}\mu_{34}^{(2)}
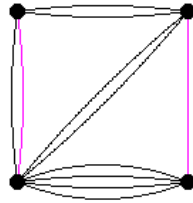\end{aligned}
$$

$$+8\mu_{03}^{(1)}\mu_{43}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} - 8\mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{43}^{(2)} - 2\mu_{03}^{(1)}\mu_{34}^{(1)}\mu_{30}^{(2)}\mu_{32}^{(2)}$$
$$+2\mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{30}^{(2)}\mu_{34}^{(2)} - 11\mu_{03}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} - 14\mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{43}^{(2)}$$
$$-2\mu_{03}^{(1)}\mu_{34}^{(1)}\mu_{12}^{(2)}\mu_{50}^{(2)} + 12\mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{52}^{(2)} + 3\mu_{03}^{(1)}\mu_{25}^{(1)}\mu_{30}^{(2)}\mu_{41}^{(2)}$$
$$+2\mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{43}^{(2)} + 3\mu_{03}^{(1)}\mu_{25}^{(1)}\mu_{21}^{(2)}\mu_{50}^{(2)} + 6\mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{52}^{(2)}$$
$$-8\mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{61}^{(2)} - \mu_{03}^{(1)}\mu_{16}^{(1)}\mu_{30}^{(2)}\mu_{50}^{(2)} - 3\mu_{03}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{52}^{(2)}$$
$$+\mu_{03}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{61}^{(2)} + 2\mu_{03}^{(1)}\mu_{14}^{(1)}\mu_{12}^{(2)}\mu_{70}^{(2)} + \mu_{03}^{(1)}\mu_{05}^{(1)}\mu_{30}^{(2)}\mu_{61}^{(2)}$$
$$-\mu_{03}^{(1)}\mu_{05}^{(1)}\mu_{21}^{(2)}\mu_{70}^{(2)}$$

weight=9
structure: 0,2,0,1,0,1
Generating graph:

$$
\begin{array}{ccccccccc@{\qquad}cc}
1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 & 2 & 1 & 3 \\
2 & 2 & 2 & 3 & 3 & 3 & 4 & 4 & 4 & 2 & 4
\end{array}
$$
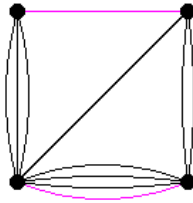
$$
\begin{aligned}
V_{56} \;=\; & \mu_{60}^{(1)}\mu_{16}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} - 2\mu_{60}^{(1)}\mu_{16}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} + \mu_{60}^{(1)}\mu_{16}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& -\mu_{60}^{(1)}\mu_{07}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} + 2\mu_{60}^{(1)}\mu_{07}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} - \mu_{60}^{(1)}\mu_{07}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& -6\mu_{51}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} + 12\mu_{51}^{(1)}\mu_{25}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} - 6\mu_{51}^{(1)}\mu_{25}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& +6\mu_{51}^{(1)}\mu_{16}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - 12\mu_{51}^{(1)}\mu_{16}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} + 6\mu_{51}^{(1)}\mu_{16}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& +15\mu_{42}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} - 30\mu_{42}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} + 15\mu_{42}^{(1)}\mu_{34}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& -15\mu_{42}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} + 30\mu_{42}^{(1)}\mu_{25}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} - 15\mu_{42}^{(1)}\mu_{25}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& +\mu_{30}^{(1)}\mu_{60}^{(1)}\mu_{02}^{(2)}\mu_{07}^{(2)} - 6\mu_{30}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{16}^{(2)} - 20\mu_{33}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} \\
& +40\mu_{33}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} - 20\mu_{33}^{(1)}\mu_{43}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} + 15\mu_{30}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{25}^{(2)} \\
& +20\mu_{33}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - 40\mu_{33}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} + 20\mu_{33}^{(1)}\mu_{34}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& -20\mu_{30}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{34}^{(2)} + 15\mu_{30}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{43}^{(2)} - 6\mu_{30}^{(1)}\mu_{15}^{(1)}\mu_{02}^{(2)}\mu_{52}^{(2)} \\
& +\mu_{30}^{(1)}\mu_{06}^{(1)}\mu_{02}^{(2)}\mu_{61}^{(2)} - \mu_{20}^{(1)}\mu_{70}^{(1)}\mu_{03}^{(2)}\mu_{06}^{(2)} - 2\mu_{21}^{(1)}\mu_{60}^{(1)}\mu_{11}^{(2)}\mu_{07}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{61}^{(1)}\mu_{12}^{(2)}\mu_{06}^{(2)} - \mu_{21}^{(1)}\mu_{60}^{(1)}\mu_{02}^{(2)}\mu_{16}^{(2)} + 6\mu_{20}^{(1)}\mu_{61}^{(1)}\mu_{03}^{(2)}\mu_{15}^{(2)} \\
& +15\mu_{24}^{(1)}\mu_{52}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} - 30\mu_{24}^{(1)}\mu_{52}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} + 12\mu_{21}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{16}^{(2)} \\
& -6\mu_{20}^{(1)}\mu_{52}^{(1)}\mu_{12}^{(2)}\mu_{15}^{(2)} + 15\mu_{24}^{(1)}\mu_{52}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} + 6\mu_{21}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{25}^{(2)} \\
& -15\mu_{20}^{(1)}\mu_{52}^{(1)}\mu_{03}^{(2)}\mu_{24}^{(2)} - 15\mu_{24}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} + 30\mu_{24}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} \\
& -30\mu_{21}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{25}^{(2)} + 15\mu_{20}^{(1)}\mu_{43}^{(1)}\mu_{12}^{(2)}\mu_{24}^{(2)} - 15\mu_{24}^{(1)}\mu_{43}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& -15\mu_{21}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{34}^{(2)} + 20\mu_{20}^{(1)}\mu_{43}^{(1)}\mu_{03}^{(2)}\mu_{33}^{(2)} + 40\mu_{21}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{34}^{(2)} \\
& -20\mu_{20}^{(1)}\mu_{34}^{(1)}\mu_{12}^{(2)}\mu_{33}^{(2)} + 20\mu_{21}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{43}^{(2)} - 15\mu_{20}^{(1)}\mu_{34}^{(1)}\mu_{03}^{(2)}\mu_{42}^{(2)} \\
& -30\mu_{21}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{43}^{(2)} + 15\mu_{20}^{(1)}\mu_{25}^{(1)}\mu_{12}^{(2)}\mu_{42}^{(2)} - 15\mu_{21}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{52}^{(2)} \\
& +6\mu_{20}^{(1)}\mu_{25}^{(1)}\mu_{03}^{(2)}\mu_{51}^{(2)} - \mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{60}^{(2)}\mu_{07}^{(2)} + 6\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{51}^{(2)}\mu_{16}^{(2)} \\
& -15\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{42}^{(2)}\mu_{25}^{(2)} + 20\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{33}^{(2)}\mu_{34}^{(2)} - 15\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{24}^{(2)}\mu_{43}^{(2)} \\
& +12\mu_{21}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{52}^{(2)} - 6\mu_{20}^{(1)}\mu_{16}^{(1)}\mu_{12}^{(2)}\mu_{51}^{(2)} + 6\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{15}^{(2)}\mu_{52}^{(2)} \\
& +6\mu_{21}^{(1)}\mu_{15}^{(1)}\mu_{02}^{(2)}\mu_{61}^{(2)} - \mu_{20}^{(1)}\mu_{16}^{(1)}\mu_{03}^{(2)}\mu_{60}^{(2)} - \mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{06}^{(2)}\mu_{61}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{60}^{(2)}\mu_{16}^{(2)} - 6\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{51}^{(2)}\mu_{25}^{(2)} + 15\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{42}^{(2)}\mu_{34}^{(2)} \\
& -20\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{33}^{(2)}\mu_{43}^{(2)} + 15\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{24}^{(2)}\mu_{52}^{(2)} - 2\mu_{21}^{(1)}\mu_{06}^{(1)}\mu_{11}^{(2)}\mu_{61}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{07}^{(1)}\mu_{12}^{(2)}\mu_{60}^{(2)} - 6\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{15}^{(2)}\mu_{61}^{(2)} - \mu_{21}^{(1)}\mu_{06}^{(1)}\mu_{02}^{(2)}\mu_{70}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{06}^{(2)}\mu_{70}^{(2)} + 2\mu_{11}^{(1)}\mu_{70}^{(1)}\mu_{12}^{(2)}\mu_{06}^{(2)} - 6\mu_{15}^{(1)}\mu_{61}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} \\
& +\mu_{12}^{(1)}\mu_{60}^{(1)}\mu_{20}^{(2)}\mu_{07}^{(2)} - 2\mu_{11}^{(1)}\mu_{61}^{(1)}\mu_{21}^{(2)}\mu_{06}^{(2)} + 12\mu_{15}^{(1)}\mu_{61}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
& +2\mu_{12}^{(1)}\mu_{60}^{(1)}\mu_{11}^{(2)}\mu_{16}^{(2)} - 12\mu_{11}^{(1)}\mu_{61}^{(1)}\mu_{12}^{(2)}\mu_{15}^{(2)} - 6\mu_{15}^{(1)}\mu_{61}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& +6\mu_{15}^{(1)}\mu_{52}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - 6\mu_{12}^{(1)}\mu_{51}^{(1)}\mu_{20}^{(2)}\mu_{16}^{(2)} + 12\mu_{11}^{(1)}\mu_{52}^{(1)}\mu_{21}^{(2)}\mu_{15}^{(2)} \\
& -12\mu_{15}^{(1)}\mu_{52}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} - 12\mu_{12}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{25}^{(2)} + 30\mu_{11}^{(1)}\mu_{52}^{(1)}\mu_{12}^{(2)}\mu_{24}^{(2)} \\
& +6\mu_{15}^{(1)}\mu_{52}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} + 15\mu_{12}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{25}^{(2)} - 30\mu_{11}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{24}^{(2)} \\
& +30\mu_{12}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{34}^{(2)} - 40\mu_{11}^{(1)}\mu_{43}^{(1)}\mu_{12}^{(2)}\mu_{33}^{(2)} - 20\mu_{12}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{34}^{(2)} \\
& +40\mu_{11}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{33}^{(2)} - 40\mu_{12}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{43}^{(2)} + 30\mu_{11}^{(1)}\mu_{34}^{(1)}\mu_{12}^{(2)}\mu_{42}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{60}^{(2)}\mu_{07}^{(2)} - 12\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{51}^{(2)}\mu_{16}^{(2)} + 30\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{42}^{(2)}\mu_{25}^{(2)} \\
& -40\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{33}^{(2)}\mu_{34}^{(2)} + 15\mu_{12}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{43}^{(2)} - 30\mu_{11}^{(1)}\mu_{25}^{(1)}\mu_{21}^{(2)}\mu_{42}^{(2)} \\
& +30\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{24}^{(2)}\mu_{43}^{(2)} + 30\mu_{12}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{52}^{(2)} - 12\mu_{11}^{(1)}\mu_{25}^{(1)}\mu_{12}^{(2)}\mu_{51}^{(2)} \\
& -12\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{15}^{(2)}\mu_{52}^{(2)} + 2\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{06}^{(2)}\mu_{61}^{(2)} - 2\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{60}^{(2)}\mu_{16}^{(2)} \\
& +12\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{51}^{(2)}\mu_{25}^{(2)} - 30\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{42}^{(2)}\mu_{34}^{(2)} + 40\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{33}^{(2)}\mu_{43}^{(2)}
\end{aligned}
$$

$$-6\mu_{12}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{52}^{(2)} + 12\mu_{11}^{(1)}\mu_{16}^{(1)}\mu_{21}^{(2)}\mu_{51}^{(2)} - 30\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{24}^{(2)}\mu_{52}^{(2)}$$
$$-12\mu_{12}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{61}^{(2)} + 2\mu_{11}^{(1)}\mu_{16}^{(1)}\mu_{12}^{(2)}\mu_{60}^{(2)} + 12\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{15}^{(2)}\mu_{61}^{(2)}$$
$$-2\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{06}^{(2)}\mu_{70}^{(2)} + \mu_{12}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{61}^{(2)} - 2\mu_{11}^{(1)}\mu_{07}^{(1)}\mu_{21}^{(2)}\mu_{60}^{(2)}$$
$$+2\mu_{12}^{(1)}\mu_{06}^{(1)}\mu_{11}^{(2)}\mu_{70}^{(2)} + \mu_{06}^{(1)}\mu_{70}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} - \mu_{02}^{(1)}\mu_{70}^{(1)}\mu_{21}^{(2)}\mu_{06}^{(2)}$$
$$-2\mu_{06}^{(1)}\mu_{70}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} + \mu_{06}^{(1)}\mu_{70}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} + \mu_{02}^{(1)}\mu_{61}^{(1)}\mu_{30}^{(2)}\mu_{06}^{(2)}$$
$$-\mu_{06}^{(1)}\mu_{61}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - \mu_{03}^{(1)}\mu_{60}^{(1)}\mu_{20}^{(2)}\mu_{16}^{(2)} + 6\mu_{02}^{(1)}\mu_{61}^{(1)}\mu_{21}^{(2)}\mu_{15}^{(2)}$$
$$+2\mu_{06}^{(1)}\mu_{61}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} - \mu_{06}^{(1)}\mu_{61}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} - 6\mu_{02}^{(1)}\mu_{52}^{(1)}\mu_{30}^{(2)}\mu_{15}^{(2)}$$
$$+6\mu_{03}^{(1)}\mu_{51}^{(1)}\mu_{20}^{(2)}\mu_{25}^{(2)} - 15\mu_{02}^{(1)}\mu_{52}^{(1)}\mu_{21}^{(2)}\mu_{24}^{(2)} + 15\mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{30}^{(2)}\mu_{24}^{(2)}$$
$$-15\mu_{03}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{34}^{(2)} + 20\mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{33}^{(2)} - \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{60}^{(2)}\mu_{07}^{(2)}$$
$$+6\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{51}^{(2)}\mu_{16}^{(2)} - 15\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{42}^{(2)}\mu_{25}^{(2)} - 20\mu_{02}^{(1)}\mu_{34}^{(1)}\mu_{30}^{(2)}\mu_{33}^{(2)}$$
$$+20\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{33}^{(2)}\mu_{34}^{(2)} + 20\mu_{03}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{43}^{(2)} - 15\mu_{02}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{42}^{(2)}$$
$$-15\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{24}^{(2)}\mu_{43}^{(2)} + 6\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{15}^{(2)}\mu_{52}^{(2)} - \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{06}^{(2)}\mu_{61}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{60}^{(2)}\mu_{16}^{(2)} - 6\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{51}^{(2)}\mu_{25}^{(2)} + 15\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{42}^{(2)}\mu_{34}^{(2)}$$
$$+15\mu_{02}^{(1)}\mu_{25}^{(1)}\mu_{30}^{(2)}\mu_{42}^{(2)} - 20\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{33}^{(2)}\mu_{43}^{(2)} - 15\mu_{03}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{52}^{(2)}$$
$$+6\mu_{02}^{(1)}\mu_{25}^{(1)}\mu_{21}^{(2)}\mu_{51}^{(2)} + 15\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{24}^{(2)}\mu_{52}^{(2)} - 6\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{15}^{(2)}\mu_{61}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{06}^{(2)}\mu_{70}^{(2)} - 6\mu_{02}^{(1)}\mu_{16}^{(1)}\mu_{30}^{(2)}\mu_{51}^{(2)} + 6\mu_{03}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{61}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{16}^{(1)}\mu_{21}^{(2)}\mu_{60}^{(2)} + \mu_{02}^{(1)}\mu_{07}^{(1)}\mu_{30}^{(2)}\mu_{60}^{(2)} - \mu_{03}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{70}^{(2)}$$

weight=9
structure: 1,1,0,0,1,1
Generating graph:

$$
\begin{array}{ccccccccc@{\qquad}cc}
1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 & 2 & 1 & 3 \\
2 & 3 & 3 & 3 & 3 & 3 & 3 & 4 & 4 & 2 & 4
\end{array}
$$

$$
\begin{aligned}
V_{57} &= -\mu^{(1)}_{30}\mu^{(1)}_{61}\mu^{(2)}_{02}\mu^{(2)}_{06} + \mu^{(1)}_{30}\mu^{(1)}_{60}\mu^{(2)}_{02}\mu^{(2)}_{07} + 6\mu^{(1)}_{30}\mu^{(1)}_{52}\mu^{(2)}_{02}\mu^{(2)}_{15} \\
&\quad -6\mu^{(1)}_{30}\mu^{(1)}_{51}\mu^{(2)}_{02}\mu^{(2)}_{16} - 15\mu^{(1)}_{30}\mu^{(1)}_{43}\mu^{(2)}_{02}\mu^{(2)}_{24} + 15\mu^{(1)}_{30}\mu^{(1)}_{42}\mu^{(2)}_{02}\mu^{(2)}_{25} \\
&\quad +20\mu^{(1)}_{30}\mu^{(1)}_{34}\mu^{(2)}_{02}\mu^{(2)}_{33} - 20\mu^{(1)}_{30}\mu^{(1)}_{33}\mu^{(2)}_{02}\mu^{(2)}_{34} - 15\mu^{(1)}_{30}\mu^{(1)}_{25}\mu^{(2)}_{02}\mu^{(2)}_{42} \\
&\quad +15\mu^{(1)}_{30}\mu^{(1)}_{24}\mu^{(2)}_{02}\mu^{(2)}_{43} + 6\mu^{(1)}_{30}\mu^{(1)}_{16}\mu^{(2)}_{02}\mu^{(2)}_{51} - 6\mu^{(1)}_{30}\mu^{(1)}_{15}\mu^{(2)}_{02}\mu^{(2)}_{52} \\
&\quad -\mu^{(1)}_{30}\mu^{(1)}_{07}\mu^{(2)}_{02}\mu^{(2)}_{60} + \mu^{(1)}_{30}\mu^{(1)}_{06}\mu^{(2)}_{02}\mu^{(2)}_{61} + \mu^{(1)}_{21}\mu^{(1)}_{70}\mu^{(2)}_{02}\mu^{(2)}_{06} \\
&\quad -\mu^{(1)}_{20}\mu^{(1)}_{70}\mu^{(2)}_{03}\mu^{(2)}_{06} + 2\mu^{(1)}_{21}\mu^{(1)}_{61}\mu^{(2)}_{11}\mu^{(2)}_{06} - 2\mu^{(1)}_{21}\mu^{(1)}_{60}\mu^{(2)}_{11}\mu^{(2)}_{07} \\
&\quad +\mu^{(1)}_{20}\mu^{(1)}_{61}\mu^{(2)}_{12}\mu^{(2)}_{06} - \mu^{(1)}_{20}\mu^{(1)}_{60}\mu^{(2)}_{12}\mu^{(2)}_{07} - 6\mu^{(1)}_{21}\mu^{(1)}_{61}\mu^{(2)}_{02}\mu^{(2)}_{15} \\
&\quad -\mu^{(1)}_{21}\mu^{(1)}_{60}\mu^{(2)}_{02}\mu^{(2)}_{16} + 6\mu^{(1)}_{20}\mu^{(1)}_{61}\mu^{(2)}_{03}\mu^{(2)}_{15} + \mu^{(1)}_{20}\mu^{(1)}_{60}\mu^{(2)}_{03}\mu^{(2)}_{16} \\
&\quad -12\mu^{(1)}_{21}\mu^{(1)}_{52}\mu^{(2)}_{11}\mu^{(2)}_{15} + 12\mu^{(1)}_{21}\mu^{(1)}_{51}\mu^{(2)}_{11}\mu^{(2)}_{16} - 6\mu^{(1)}_{20}\mu^{(1)}_{52}\mu^{(2)}_{12}\mu^{(2)}_{15} \\
&\quad +6\mu^{(1)}_{20}\mu^{(1)}_{51}\mu^{(2)}_{12}\mu^{(2)}_{16} + 15\mu^{(1)}_{21}\mu^{(1)}_{52}\mu^{(2)}_{02}\mu^{(2)}_{24} + 6\mu^{(1)}_{21}\mu^{(1)}_{51}\mu^{(2)}_{02}\mu^{(2)}_{25} \\
&\quad -15\mu^{(1)}_{20}\mu^{(1)}_{52}\mu^{(2)}_{03}\mu^{(2)}_{24} - 6\mu^{(1)}_{20}\mu^{(1)}_{51}\mu^{(2)}_{03}\mu^{(2)}_{25} + 30\mu^{(1)}_{21}\mu^{(1)}_{43}\mu^{(2)}_{11}\mu^{(2)}_{24} \\
&\quad -30\mu^{(1)}_{21}\mu^{(1)}_{42}\mu^{(2)}_{11}\mu^{(2)}_{25} + 15\mu^{(1)}_{20}\mu^{(1)}_{43}\mu^{(2)}_{12}\mu^{(2)}_{24} - 15\mu^{(1)}_{20}\mu^{(1)}_{42}\mu^{(2)}_{12}\mu^{(2)}_{25} \\
&\quad -20\mu^{(1)}_{21}\mu^{(1)}_{43}\mu^{(2)}_{02}\mu^{(2)}_{33} - 15\mu^{(1)}_{21}\mu^{(1)}_{42}\mu^{(2)}_{02}\mu^{(2)}_{34} + 20\mu^{(1)}_{20}\mu^{(1)}_{43}\mu^{(2)}_{03}\mu^{(2)}_{33} \\
&\quad +15\mu^{(1)}_{20}\mu^{(1)}_{42}\mu^{(2)}_{03}\mu^{(2)}_{34} - 40\mu^{(1)}_{21}\mu^{(1)}_{34}\mu^{(2)}_{11}\mu^{(2)}_{33} + 40\mu^{(1)}_{21}\mu^{(1)}_{33}\mu^{(2)}_{11}\mu^{(2)}_{34} \\
&\quad -20\mu^{(1)}_{20}\mu^{(1)}_{34}\mu^{(2)}_{12}\mu^{(2)}_{33} + 20\mu^{(1)}_{20}\mu^{(1)}_{33}\mu^{(2)}_{12}\mu^{(2)}_{34} + 15\mu^{(1)}_{21}\mu^{(1)}_{34}\mu^{(2)}_{02}\mu^{(2)}_{42} \\
&\quad +20\mu^{(1)}_{21}\mu^{(1)}_{33}\mu^{(2)}_{02}\mu^{(2)}_{43} - 15\mu^{(1)}_{20}\mu^{(1)}_{34}\mu^{(2)}_{03}\mu^{(2)}_{42} - 20\mu^{(1)}_{20}\mu^{(1)}_{33}\mu^{(2)}_{03}\mu^{(2)}_{43} \\
&\quad +30\mu^{(1)}_{21}\mu^{(1)}_{25}\mu^{(2)}_{11}\mu^{(2)}_{42} - 30\mu^{(1)}_{21}\mu^{(1)}_{24}\mu^{(2)}_{11}\mu^{(2)}_{43} + 15\mu^{(1)}_{20}\mu^{(1)}_{25}\mu^{(2)}_{12}\mu^{(2)}_{42} \\
&\quad -15\mu^{(1)}_{20}\mu^{(1)}_{24}\mu^{(2)}_{12}\mu^{(2)}_{43} - 6\mu^{(1)}_{21}\mu^{(1)}_{25}\mu^{(2)}_{02}\mu^{(2)}_{51} - 15\mu^{(1)}_{21}\mu^{(1)}_{24}\mu^{(2)}_{02}\mu^{(2)}_{52} \\
&\quad +6\mu^{(1)}_{20}\mu^{(1)}_{25}\mu^{(2)}_{03}\mu^{(2)}_{51} + 15\mu^{(1)}_{20}\mu^{(1)}_{24}\mu^{(2)}_{03}\mu^{(2)}_{52} - 12\mu^{(1)}_{21}\mu^{(1)}_{16}\mu^{(2)}_{11}\mu^{(2)}_{51} \\
&\quad +12\mu^{(1)}_{21}\mu^{(1)}_{15}\mu^{(2)}_{11}\mu^{(2)}_{52} - 6\mu^{(1)}_{20}\mu^{(1)}_{16}\mu^{(2)}_{12}\mu^{(2)}_{51} + 6\mu^{(1)}_{20}\mu^{(1)}_{15}\mu^{(2)}_{12}\mu^{(2)}_{52} \\
&\quad +\mu^{(1)}_{21}\mu^{(1)}_{16}\mu^{(2)}_{02}\mu^{(2)}_{60} + 6\mu^{(1)}_{21}\mu^{(1)}_{15}\mu^{(2)}_{02}\mu^{(2)}_{61} - \mu^{(1)}_{20}\mu^{(1)}_{16}\mu^{(2)}_{03}\mu^{(2)}_{60} \\
&\quad -6\mu^{(1)}_{20}\mu^{(1)}_{15}\mu^{(2)}_{03}\mu^{(2)}_{61} + 2\mu^{(1)}_{21}\mu^{(1)}_{07}\mu^{(2)}_{11}\mu^{(2)}_{60} - 2\mu^{(1)}_{21}\mu^{(1)}_{06}\mu^{(2)}_{11}\mu^{(2)}_{61} \\
&\quad +\mu^{(1)}_{20}\mu^{(1)}_{07}\mu^{(2)}_{12}\mu^{(2)}_{60} - \mu^{(1)}_{20}\mu^{(1)}_{06}\mu^{(2)}_{12}\mu^{(2)}_{61} - \mu^{(1)}_{21}\mu^{(1)}_{06}\mu^{(2)}_{02}\mu^{(2)}_{70} \\
&\quad +\mu^{(1)}_{20}\mu^{(1)}_{06}\mu^{(2)}_{03}\mu^{(2)}_{70} - 2\mu^{(1)}_{12}\mu^{(1)}_{70}\mu^{(2)}_{11}\mu^{(2)}_{06} + 2\mu^{(1)}_{11}\mu^{(1)}_{70}\mu^{(2)}_{12}\mu^{(2)}_{06} \\
&\quad -\mu^{(1)}_{12}\mu^{(1)}_{61}\mu^{(2)}_{20}\mu^{(2)}_{06} + \mu^{(1)}_{12}\mu^{(1)}_{60}\mu^{(2)}_{20}\mu^{(2)}_{07} - 2\mu^{(1)}_{11}\mu^{(1)}_{61}\mu^{(2)}_{21}\mu^{(2)}_{06} \\
&\quad +2\mu^{(1)}_{11}\mu^{(1)}_{60}\mu^{(2)}_{21}\mu^{(2)}_{07} + 12\mu^{(1)}_{12}\mu^{(1)}_{61}\mu^{(2)}_{11}\mu^{(2)}_{15} + 2\mu^{(1)}_{12}\mu^{(1)}_{60}\mu^{(2)}_{11}\mu^{(2)}_{16} \\
&\quad -12\mu^{(1)}_{11}\mu^{(1)}_{61}\mu^{(2)}_{12}\mu^{(2)}_{15} - 2\mu^{(1)}_{11}\mu^{(1)}_{60}\mu^{(2)}_{12}\mu^{(2)}_{16} + 6\mu^{(1)}_{12}\mu^{(1)}_{52}\mu^{(2)}_{20}\mu^{(2)}_{15} \\
&\quad -6\mu^{(1)}_{12}\mu^{(1)}_{51}\mu^{(2)}_{20}\mu^{(2)}_{16} + 12\mu^{(1)}_{11}\mu^{(1)}_{52}\mu^{(2)}_{21}\mu^{(2)}_{15} - 12\mu^{(1)}_{11}\mu^{(1)}_{51}\mu^{(2)}_{21}\mu^{(2)}_{16} \\
&\quad -30\mu^{(1)}_{12}\mu^{(1)}_{52}\mu^{(2)}_{11}\mu^{(2)}_{24} - 12\mu^{(1)}_{12}\mu^{(1)}_{51}\mu^{(2)}_{11}\mu^{(2)}_{25} + 30\mu^{(1)}_{11}\mu^{(1)}_{52}\mu^{(2)}_{12}\mu^{(2)}_{24} \\
&\quad +12\mu^{(1)}_{11}\mu^{(1)}_{51}\mu^{(2)}_{12}\mu^{(2)}_{25} - 15\mu^{(1)}_{12}\mu^{(1)}_{43}\mu^{(2)}_{20}\mu^{(2)}_{24} + 15\mu^{(1)}_{12}\mu^{(1)}_{42}\mu^{(2)}_{20}\mu^{(2)}_{25} \\
&\quad -30\mu^{(1)}_{11}\mu^{(1)}_{43}\mu^{(2)}_{21}\mu^{(2)}_{24} + 30\mu^{(1)}_{11}\mu^{(1)}_{42}\mu^{(2)}_{21}\mu^{(2)}_{25} + 40\mu^{(1)}_{12}\mu^{(1)}_{43}\mu^{(2)}_{11}\mu^{(2)}_{33} \\
&\quad +30\mu^{(1)}_{12}\mu^{(1)}_{42}\mu^{(2)}_{11}\mu^{(2)}_{34} - 40\mu^{(1)}_{11}\mu^{(1)}_{43}\mu^{(2)}_{12}\mu^{(2)}_{33} - 30\mu^{(1)}_{11}\mu^{(1)}_{42}\mu^{(2)}_{12}\mu^{(2)}_{34} \\
&\quad +20\mu^{(1)}_{12}\mu^{(1)}_{34}\mu^{(2)}_{20}\mu^{(2)}_{33} - 20\mu^{(1)}_{12}\mu^{(1)}_{33}\mu^{(2)}_{20}\mu^{(2)}_{34} + 40\mu^{(1)}_{11}\mu^{(1)}_{34}\mu^{(2)}_{21}\mu^{(2)}_{33} \\
&\quad -40\mu^{(1)}_{11}\mu^{(1)}_{33}\mu^{(2)}_{21}\mu^{(2)}_{34} - 30\mu^{(1)}_{12}\mu^{(1)}_{34}\mu^{(2)}_{11}\mu^{(2)}_{42} - 40\mu^{(1)}_{12}\mu^{(1)}_{33}\mu^{(2)}_{11}\mu^{(2)}_{43} \\
&\quad +30\mu^{(1)}_{11}\mu^{(1)}_{34}\mu^{(2)}_{12}\mu^{(2)}_{42} + 40\mu^{(1)}_{11}\mu^{(1)}_{33}\mu^{(2)}_{12}\mu^{(2)}_{43} - 15\mu^{(1)}_{12}\mu^{(1)}_{25}\mu^{(2)}_{20}\mu^{(2)}_{42} \\
&\quad +15\mu^{(1)}_{12}\mu^{(1)}_{24}\mu^{(2)}_{20}\mu^{(2)}_{43} - 30\mu^{(1)}_{11}\mu^{(1)}_{25}\mu^{(2)}_{21}\mu^{(2)}_{42} + 30\mu^{(1)}_{11}\mu^{(1)}_{24}\mu^{(2)}_{21}\mu^{(2)}_{43} \\
&\quad +12\mu^{(1)}_{12}\mu^{(1)}_{25}\mu^{(2)}_{11}\mu^{(2)}_{51} + 30\mu^{(1)}_{12}\mu^{(1)}_{24}\mu^{(2)}_{11}\mu^{(2)}_{52} - 12\mu^{(1)}_{11}\mu^{(1)}_{25}\mu^{(2)}_{12}\mu^{(2)}_{51} \\
&\quad -30\mu^{(1)}_{11}\mu^{(1)}_{24}\mu^{(2)}_{12}\mu^{(2)}_{52} + 6\mu^{(1)}_{12}\mu^{(1)}_{16}\mu^{(2)}_{20}\mu^{(2)}_{51} - 6\mu^{(1)}_{12}\mu^{(1)}_{15}\mu^{(2)}_{20}\mu^{(2)}_{52} \\
&\quad +12\mu^{(1)}_{11}\mu^{(1)}_{16}\mu^{(2)}_{21}\mu^{(2)}_{51} - 12\mu^{(1)}_{11}\mu^{(1)}_{15}\mu^{(2)}_{21}\mu^{(2)}_{52} - 2\mu^{(1)}_{12}\mu^{(1)}_{16}\mu^{(2)}_{11}\mu^{(2)}_{60}
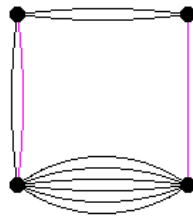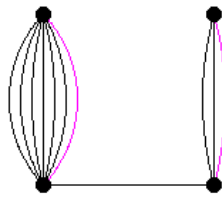\end{aligned}
$$

$$
\begin{aligned}
&-12\mu_{12}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{61}^{(2)} + 2\mu_{11}^{(1)}\mu_{16}^{(1)}\mu_{12}^{(2)}\mu_{60}^{(2)} + 12\mu_{11}^{(1)}\mu_{15}^{(1)}\mu_{12}^{(2)}\mu_{61}^{(2)} \\
&-\mu_{12}^{(1)}\mu_{07}^{(1)}\mu_{20}^{(2)}\mu_{60}^{(2)} + \mu_{12}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{61}^{(2)} - 2\mu_{11}^{(1)}\mu_{07}^{(1)}\mu_{21}^{(2)}\mu_{60}^{(2)} \\
&+2\mu_{11}^{(1)}\mu_{06}^{(1)}\mu_{21}^{(2)}\mu_{61}^{(2)} + 2\mu_{12}^{(1)}\mu_{06}^{(1)}\mu_{11}^{(2)}\mu_{70}^{(2)} - 2\mu_{11}^{(1)}\mu_{06}^{(1)}\mu_{12}^{(2)}\mu_{70}^{(2)} \\
&+\mu_{03}^{(1)}\mu_{70}^{(1)}\mu_{20}^{(2)}\mu_{06}^{(2)} - \mu_{02}^{(1)}\mu_{70}^{(1)}\mu_{21}^{(2)}\mu_{06}^{(2)} + \mu_{02}^{(1)}\mu_{61}^{(1)}\mu_{30}^{(2)}\mu_{06}^{(2)} \\
&-\mu_{02}^{(1)}\mu_{60}^{(1)}\mu_{30}^{(2)}\mu_{07}^{(2)} - 6\mu_{03}^{(1)}\mu_{61}^{(1)}\mu_{20}^{(2)}\mu_{15}^{(2)} - \mu_{03}^{(1)}\mu_{60}^{(1)}\mu_{20}^{(2)}\mu_{16}^{(2)} \\
&+6\mu_{02}^{(1)}\mu_{61}^{(1)}\mu_{21}^{(2)}\mu_{15}^{(2)} + \mu_{02}^{(1)}\mu_{60}^{(1)}\mu_{21}^{(2)}\mu_{16}^{(2)} - 6\mu_{02}^{(1)}\mu_{52}^{(1)}\mu_{30}^{(2)}\mu_{15}^{(2)} \\
&+6\mu_{02}^{(1)}\mu_{51}^{(1)}\mu_{30}^{(2)}\mu_{16}^{(2)} + 15\mu_{03}^{(1)}\mu_{52}^{(1)}\mu_{20}^{(2)}\mu_{24}^{(2)} + 6\mu_{03}^{(1)}\mu_{51}^{(1)}\mu_{20}^{(2)}\mu_{25}^{(2)} \\
&-15\mu_{02}^{(1)}\mu_{52}^{(1)}\mu_{21}^{(2)}\mu_{24}^{(2)} - 6\mu_{02}^{(1)}\mu_{51}^{(1)}\mu_{21}^{(2)}\mu_{25}^{(2)} + 15\mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{30}^{(2)}\mu_{24}^{(2)} \\
&-15\mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{30}^{(2)}\mu_{25}^{(2)} - 20\mu_{03}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{33}^{(2)} - 15\mu_{03}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{34}^{(2)} \\
&+20\mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{33}^{(2)} + 15\mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{21}^{(2)}\mu_{34}^{(2)} - 20\mu_{02}^{(1)}\mu_{34}^{(1)}\mu_{30}^{(2)}\mu_{33}^{(2)} \\
&+20\mu_{02}^{(1)}\mu_{33}^{(1)}\mu_{30}^{(2)}\mu_{34}^{(2)} + 15\mu_{03}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{42}^{(2)} + 20\mu_{03}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{43}^{(2)} \\
&-15\mu_{02}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{42}^{(2)} - 20\mu_{02}^{(1)}\mu_{33}^{(1)}\mu_{21}^{(2)}\mu_{43}^{(2)} + 15\mu_{02}^{(1)}\mu_{25}^{(1)}\mu_{30}^{(2)}\mu_{42}^{(2)} \\
&-15\mu_{02}^{(1)}\mu_{24}^{(1)}\mu_{30}^{(2)}\mu_{43}^{(2)} - 6\mu_{03}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{51}^{(2)} - 15\mu_{03}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{52}^{(2)} \\
&+6\mu_{02}^{(1)}\mu_{25}^{(1)}\mu_{21}^{(2)}\mu_{51}^{(2)} + 15\mu_{02}^{(1)}\mu_{24}^{(1)}\mu_{21}^{(2)}\mu_{52}^{(2)} - 6\mu_{02}^{(1)}\mu_{16}^{(1)}\mu_{30}^{(2)}\mu_{51}^{(2)} \\
&+6\mu_{02}^{(1)}\mu_{15}^{(1)}\mu_{30}^{(2)}\mu_{52}^{(2)} + \mu_{03}^{(1)}\mu_{16}^{(1)}\mu_{20}^{(2)}\mu_{60}^{(2)} + 6\mu_{03}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{61}^{(2)} \\
&-\mu_{02}^{(1)}\mu_{16}^{(1)}\mu_{21}^{(2)}\mu_{60}^{(2)} - 6\mu_{02}^{(1)}\mu_{15}^{(1)}\mu_{21}^{(2)}\mu_{61}^{(2)} + \mu_{02}^{(1)}\mu_{07}^{(1)}\mu_{30}^{(2)}\mu_{60}^{(2)} \\
&-\mu_{02}^{(1)}\mu_{06}^{(1)}\mu_{30}^{(2)}\mu_{61}^{(2)} - \mu_{03}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{70}^{(2)} + \mu_{02}^{(1)}\mu_{06}^{(1)}\mu_{21}^{(2)}\mu_{70}^{(2)}
\end{aligned}
$$

weight=9

structure: 1,1,0,0,1,1

Generating graph:

1	1	1	1	1	1	1	2	2		1	2
2	3	3	3	3	3	3	4	4		3	4

$$
\begin{aligned}
V_{58} \;=\;\; & -2\mu_{50}^{(1)}\mu_{25}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} + 2\mu_{50}^{(1)}\mu_{25}^{(1)}(\mu_{12}^{(2)})^2 + 2\mu_{50}^{(1)}\mu_{16}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} \\
& -2\mu_{50}^{(1)}\mu_{16}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} - 2\mu_{50}^{(1)}\mu_{07}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} + 2\mu_{50}^{(1)}\mu_{07}^{(1)}(\mu_{21}^{(2)})^2 \\
& +10\mu_{41}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} - 10\mu_{41}^{(1)}\mu_{34}^{(1)}(\mu_{12}^{(2)})^2 - 10\mu_{41}^{(1)}\mu_{25}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} \\
& +10\mu_{41}^{(1)}\mu_{25}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} + 10\mu_{41}^{(1)}\mu_{16}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} - 10\mu_{41}^{(1)}\mu_{16}^{(1)}(\mu_{21}^{(2)})^2 \\
& +\mu_{30}^{(1)}\mu_{61}^{(1)}\mu_{03}^{(2)}\mu_{05}^{(2)} - \mu_{30}^{(1)}\mu_{52}^{(1)}\mu_{12}^{(2)}\mu_{05}^{(2)} + \mu_{30}^{(1)}\mu_{50}^{(1)}\mu_{12}^{(2)}\mu_{07}^{(2)} \\
& -5\mu_{30}^{(1)}\mu_{52}^{(1)}\mu_{03}^{(2)}\mu_{14}^{(2)} - \mu_{30}^{(1)}\mu_{50}^{(1)}\mu_{03}^{(2)}\mu_{16}^{(2)} - 20\mu_{32}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} \\
& +20\mu_{32}^{(1)}\mu_{43}^{(1)}(\mu_{12}^{(2)})^2 + 5\mu_{30}^{(1)}\mu_{43}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} - 5\mu_{30}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{16}^{(2)} \\
& +10\mu_{30}^{(1)}\mu_{43}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)} + 5\mu_{30}^{(1)}\mu_{41}^{(1)}\mu_{03}^{(2)}\mu_{25}^{(2)} + 20\mu_{32}^{(1)}\mu_{34}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} \\
& -20\mu_{32}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} - 10\mu_{30}^{(1)}\mu_{34}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} + 10\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{25}^{(2)} \\
& -10\mu_{30}^{(1)}\mu_{34}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} - 10\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{03}^{(2)}\mu_{34}^{(2)} - 20\mu_{32}^{(1)}\mu_{25}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} \\
& +20\mu_{32}^{(1)}\mu_{25}^{(1)}(\mu_{21}^{(2)})^2 + 10\mu_{30}^{(1)}\mu_{25}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} - 10\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{34}^{(2)} \\
& +5\mu_{30}^{(1)}\mu_{25}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} + 10\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{03}^{(2)}\mu_{43}^{(2)} - 2\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{50}^{(2)}\mu_{07}^{(2)} \\
& +10\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{41}^{(2)}\mu_{16}^{(2)} - 20\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{32}^{(2)}\mu_{25}^{(2)} + 20\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{23}^{(2)}\mu_{34}^{(2)} \\
& -5\mu_{30}^{(1)}\mu_{16}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} + 5\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{12}^{(2)}\mu_{43}^{(2)} - 10\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{14}^{(2)}\mu_{43}^{(2)} \\
& -\mu_{30}^{(1)}\mu_{16}^{(1)}\mu_{03}^{(2)}\mu_{50}^{(2)} - 5\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{03}^{(2)}\mu_{52}^{(2)} + 2\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{05}^{(2)}\mu_{52}^{(2)} \\
& +2\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{50}^{(2)}\mu_{16}^{(2)} - 10\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{41}^{(2)}\mu_{25}^{(2)} + 20\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{32}^{(2)}\mu_{34}^{(2)} \\
& -20\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{23}^{(2)}\mu_{43}^{(2)} + \mu_{30}^{(1)}\mu_{07}^{(1)}\mu_{12}^{(2)}\mu_{50}^{(2)} - \mu_{30}^{(1)}\mu_{05}^{(1)}\mu_{12}^{(2)}\mu_{52}^{(2)} \\
& +10\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{14}^{(2)}\mu_{52}^{(2)} + \mu_{30}^{(1)}\mu_{05}^{(1)}\mu_{03}^{(2)}\mu_{61}^{(2)} - 2\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{05}^{(2)}\mu_{61}^{(2)} \\
& -\mu_{21}^{(1)}\mu_{70}^{(1)}\mu_{03}^{(2)}\mu_{05}^{(2)} - \mu_{21}^{(1)}\mu_{61}^{(1)}\mu_{12}^{(2)}\mu_{05}^{(2)} + 5\mu_{21}^{(1)}\mu_{61}^{(1)}\mu_{03}^{(2)}\mu_{14}^{(2)} \\
& +20\mu_{23}^{(1)}\mu_{52}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} + 2\mu_{21}^{(1)}\mu_{52}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} - 2\mu_{21}^{(1)}\mu_{50}^{(1)}\mu_{21}^{(2)}\mu_{07}^{(2)} \\
& -20\mu_{23}^{(1)}\mu_{52}^{(1)}(\mu_{12}^{(2)})^2 + 5\mu_{21}^{(1)}\mu_{52}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} + \mu_{21}^{(1)}\mu_{50}^{(1)}\mu_{12}^{(2)}\mu_{16}^{(2)} \\
& -10\mu_{21}^{(1)}\mu_{52}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)} + \mu_{21}^{(1)}\mu_{50}^{(1)}\mu_{03}^{(2)}\mu_{25}^{(2)} - 20\mu_{23}^{(1)}\mu_{43}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} \\
& +20\mu_{23}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} - 10\mu_{21}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} + 10\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{21}^{(2)}\mu_{16}^{(2)} \\
& -10\mu_{21}^{(1)}\mu_{43}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} - 5\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{25}^{(2)} + 10\mu_{21}^{(1)}\mu_{43}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} \\
& -5\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{03}^{(2)}\mu_{34}^{(2)} + 20\mu_{23}^{(1)}\mu_{34}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} - 20\mu_{23}^{(1)}\mu_{34}^{(1)}(\mu_{21}^{(2)})^2 \\
& +20\mu_{21}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} - 20\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{25}^{(2)} + 10\mu_{21}^{(1)}\mu_{34}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} \\
& +10\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{34}^{(2)} - 5\mu_{21}^{(1)}\mu_{34}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} + 10\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{03}^{(2)}\mu_{43}^{(2)} \\
& +2(\mu_{21}^{(1)})^2\mu_{50}^{(2)}\mu_{07}^{(2)} - 10(\mu_{21}^{(1)})^2\mu_{41}^{(2)}\mu_{16}^{(2)} + 20(\mu_{21}^{(1)})^2\mu_{32}^{(2)}\mu_{25}^{(2)} - 20\mu_{21}^{(1)}\mu_{25}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} \\
& +20\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{34}^{(2)} - 20(\mu_{21}^{(1)})^2\mu_{23}^{(2)}\mu_{34}^{(2)} - 5\mu_{21}^{(1)}\mu_{25}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} \\
& -10\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{43}^{(2)} + 10(\mu_{21}^{(1)})^2\mu_{14}^{(2)}\mu_{43}^{(2)} + \mu_{21}^{(1)}\mu_{25}^{(1)}\mu_{03}^{(2)}\mu_{50}^{(2)} \\
& -10\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{03}^{(2)}\mu_{52}^{(2)} - 2(\mu_{21}^{(1)})^2\mu_{05}^{(2)}\mu_{52}^{(2)} - 2\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{50}^{(2)}\mu_{16}^{(2)} \\
& +10\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{41}^{(2)}\mu_{25}^{(2)} - 20\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{32}^{(2)}\mu_{34}^{(2)} + 10\mu_{21}^{(1)}\mu_{16}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} \\
& -10\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{43}^{(2)} + 20\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{23}^{(2)}\mu_{43}^{(2)} + \mu_{21}^{(1)}\mu_{16}^{(1)}\mu_{12}^{(2)}\mu_{50}^{(2)} \\
& +5\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{12}^{(2)}\mu_{52}^{(2)} - 10\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{14}^{(2)}\mu_{52}^{(2)} + 5\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{03}^{(2)}\mu_{61}^{(2)} \\
& +2\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{05}^{(2)}\mu_{61}^{(2)} - 2\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{50}^{(2)}\mu_{25}^{(2)} + 10\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{41}^{(2)}\mu_{34}^{(2)} \\
& -20\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{32}^{(2)}\mu_{43}^{(2)} - 2\mu_{21}^{(1)}\mu_{07}^{(1)}\mu_{21}^{(2)}\mu_{50}^{(2)} + 2\mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{21}^{(2)}\mu_{52}^{(2)} \\
& +20\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{23}^{(2)}\mu_{52}^{(2)} - \mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{12}^{(2)}\mu_{61}^{(2)} - 10\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{14}^{(2)}\mu_{61}^{(2)} \\
& -\mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{03}^{(2)}\mu_{70}^{(2)} + 2\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{05}^{(2)}\mu_{70}^{(2)} + 2\mu_{12}^{(1)}\mu_{70}^{(1)}\mu_{12}^{(2)}\mu_{05}^{(2)} \\
& -10\mu_{14}^{(1)}\mu_{61}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} - \mu_{12}^{(1)}\mu_{61}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} + 10\mu_{14}^{(1)}\mu_{61}^{(1)}(\mu_{12}^{(2)})^2
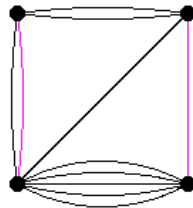\end{aligned}
$$

$$-10\mu_{12}^{(1)}\mu_{61}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} + 10\mu_{14}^{(1)}\mu_{52}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} - \mu_{12}^{(1)}\mu_{52}^{(1)}\mu_{30}^{(2)}\mu_{05}^{(2)}$$
$$+\mu_{12}^{(1)}\mu_{50}^{(1)}\mu_{30}^{(2)}\mu_{07}^{(2)} - 10\mu_{14}^{(1)}\mu_{52}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} + 5\mu_{12}^{(1)}\mu_{52}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)}$$
$$+\mu_{12}^{(1)}\mu_{50}^{(1)}\mu_{21}^{(2)}\mu_{16}^{(2)} + 20\mu_{12}^{(1)}\mu_{52}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} - 2\mu_{12}^{(1)}\mu_{50}^{(1)}\mu_{12}^{(2)}\mu_{25}^{(2)}$$
$$-10\mu_{14}^{(1)}\mu_{43}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} + 5\mu_{12}^{(1)}\mu_{43}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)} - 5\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{30}^{(2)}\mu_{16}^{(2)}$$
$$+10\mu_{14}^{(1)}\mu_{43}^{(1)}(\mu_{21}^{(2)})^2 - 10\mu_{12}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} - 5\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{21}^{(2)}\mu_{25}^{(2)}$$
$$-20\mu_{12}^{(1)}\mu_{43}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} + 10\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{34}^{(2)} - 10\mu_{12}^{(1)}\mu_{34}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)}$$
$$+10\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{30}^{(2)}\mu_{25}^{(2)} + 10\mu_{12}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} + 10\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{34}^{(2)}$$
$$+10\mu_{12}^{(1)}\mu_{34}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} - 20\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{43}^{(2)} + 10\mu_{12}^{(1)}\mu_{25}^{(1)}\mu_{30}^{(2)}\mu_{32}^{(2)}$$
$$-10\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{34}^{(2)} - 5\mu_{12}^{(1)}\mu_{25}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} - 10\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{43}^{(2)}$$
$$-2\mu_{12}^{(1)}\mu_{25}^{(1)}\mu_{12}^{(2)}\mu_{50}^{(2)} + 20\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{52}^{(2)} + 2(\mu_{12}^{(1)})^2\mu_{50}^{(2)}\mu_{25}^{(2)}$$
$$-10(\mu_{12}^{(1)})^2\mu_{41}^{(2)}\mu_{34}^{(2)} - 5\mu_{12}^{(1)}\mu_{16}^{(1)}\mu_{30}^{(2)}\mu_{41}^{(2)} + 5\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{43}^{(2)}$$
$$+20(\mu_{12}^{(1)})^2\mu_{32}^{(2)}\mu_{43}^{(2)} + \mu_{12}^{(1)}\mu_{16}^{(1)}\mu_{21}^{(2)}\mu_{50}^{(2)} + 5\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{52}^{(2)}$$
$$-20(\mu_{12}^{(1)})^2\mu_{23}^{(2)}\mu_{52}^{(2)} - 10\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{12}^{(2)}\mu_{61}^{(2)} + 10(\mu_{12}^{(1)})^2\mu_{14}^{(2)}\mu_{61}^{(2)} - 2(\mu_{12}^{(1)})^2\mu_{05}^{(2)}\mu_{70}^{(2)}$$
$$+\mu_{12}^{(1)}\mu_{07}^{(1)}\mu_{30}^{(2)}\mu_{50}^{(2)} - \mu_{12}^{(1)}\mu_{05}^{(1)}\mu_{30}^{(2)}\mu_{52}^{(2)} - \mu_{12}^{(1)}\mu_{05}^{(1)}\mu_{21}^{(2)}\mu_{61}^{(2)}$$
$$+2\mu_{12}^{(1)}\mu_{05}^{(1)}\mu_{12}^{(2)}\mu_{70}^{(2)} + 2\mu_{05}^{(1)}\mu_{70}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} - \mu_{03}^{(1)}\mu_{70}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)}$$
$$-2\mu_{05}^{(1)}\mu_{70}^{(1)}(\mu_{12}^{(2)})^2 - 2\mu_{05}^{(1)}\mu_{61}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} + \mu_{03}^{(1)}\mu_{61}^{(1)}\mu_{30}^{(2)}\mu_{05}^{(2)}$$
$$+2\mu_{05}^{(1)}\mu_{61}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} + 5\mu_{03}^{(1)}\mu_{61}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} + 2\mu_{05}^{(1)}\mu_{52}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)}$$
$$-5\mu_{03}^{(1)}\mu_{52}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)} - \mu_{03}^{(1)}\mu_{50}^{(1)}\mu_{30}^{(2)}\mu_{16}^{(2)} - 2\mu_{05}^{(1)}\mu_{52}^{(1)}(\mu_{21}^{(2)})^2$$
$$-10\mu_{03}^{(1)}\mu_{52}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} + \mu_{03}^{(1)}\mu_{50}^{(1)}\mu_{21}^{(2)}\mu_{25}^{(2)} + 10\mu_{03}^{(1)}\mu_{43}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)}$$
$$+5\mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{30}^{(2)}\mu_{25}^{(2)} + 10\mu_{03}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} - 5\mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{21}^{(2)}\mu_{34}^{(2)}$$
$$-10\mu_{03}^{(1)}\mu_{34}^{(1)}\mu_{30}^{(2)}\mu_{32}^{(2)} - 10\mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{30}^{(2)}\mu_{34}^{(2)} - 5\mu_{03}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)}$$
$$+10\mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{43}^{(2)} + 5\mu_{03}^{(1)}\mu_{25}^{(1)}\mu_{30}^{(2)}\mu_{41}^{(2)} + 10\mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{43}^{(2)}$$
$$+\mu_{03}^{(1)}\mu_{25}^{(1)}\mu_{21}^{(2)}\mu_{50}^{(2)} - 10\mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{52}^{(2)} - \mu_{03}^{(1)}\mu_{16}^{(1)}\mu_{30}^{(2)}\mu_{50}^{(2)}$$
$$-5\mu_{03}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{52}^{(2)} + 5\mu_{03}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{61}^{(2)} + \mu_{03}^{(1)}\mu_{05}^{(1)}\mu_{30}^{(2)}\mu_{61}^{(2)}$$
$$-\mu_{03}^{(1)}\mu_{05}^{(1)}\mu_{21}^{(2)}\mu_{70}^{(2)}$$

weight=9

structure: 0,2,0,1,0,1

Generating graph:

1	1	1	1	1	1	1	2	2		1	3
2	3	3	3	3	3	4	4	4		2	4

$$
\begin{aligned}
V_{59} \;=\;\; & (\mu_{40}^{(1)})^2\mu_{12}^{(2)}\mu_{07}^{(2)} - (\mu_{40}^{(1)})^2\mu_{03}^{(2)}\mu_{16}^{(2)} + \mu_{40}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} \\
& -2\mu_{40}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{07}^{(2)} - 2\mu_{40}^{(1)}\mu_{34}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} - 4\mu_{40}^{(1)}\mu_{31}^{(1)}\mu_{12}^{(2)}\mu_{16}^{(2)} \\
& +\mu_{40}^{(1)}\mu_{34}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} + 6\mu_{40}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{25}^{(2)} - \mu_{40}^{(1)}\mu_{25}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} \\
& +\mu_{40}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{07}^{(2)} + 3\mu_{40}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{16}^{(2)} + 3\mu_{40}^{(1)}\mu_{25}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} \\
& +3\mu_{40}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{25}^{(2)} - 2\mu_{40}^{(1)}\mu_{25}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} - 7\mu_{40}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{34}^{(2)} \\
& +2\mu_{40}^{(1)}\mu_{16}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} - 2\mu_{40}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{16}^{(2)} - 3\mu_{40}^{(1)}\mu_{16}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} \\
& -2\mu_{40}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{34}^{(2)} + \mu_{40}^{(1)}\mu_{16}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} + 4\mu_{40}^{(1)}\mu_{13}^{(1)}\mu_{03}^{(2)}\mu_{43}^{(2)} \\
& -\mu_{40}^{(1)}\mu_{07}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} + \mu_{40}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{25}^{(2)} + 2\mu_{40}^{(1)}\mu_{07}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} \\
& -\mu_{40}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{34}^{(2)} - \mu_{40}^{(1)}\mu_{07}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} + \mu_{40}^{(1)}\mu_{04}^{(1)}\mu_{12}^{(2)}\mu_{43}^{(2)} \\
& -\mu_{40}^{(1)}\mu_{04}^{(1)}\mu_{03}^{(2)}\mu_{52}^{(2)} + \mu_{30}^{(1)}\mu_{61}^{(1)}(\mu_{04}^{(2)})^2 - 6\mu_{30}^{(1)}\mu_{52}^{(1)}\mu_{13}^{(2)}\mu_{04}^{(2)} \\
& -4\mu_{31}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} + 7\mu_{30}^{(1)}\mu_{43}^{(1)}\mu_{22}^{(2)}\mu_{04}^{(2)} + 8\mu_{31}^{(1)}\mu_{43}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} \\
& +8\mu_{30}^{(1)}\mu_{43}^{(1)}(\mu_{13}^{(2)})^2 - 4\mu_{31}^{(1)}\mu_{43}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} + 4\mu_{31}^{(1)}\mu_{34}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} \\
& -4\mu_{30}^{(1)}\mu_{34}^{(1)}\mu_{31}^{(2)}\mu_{04}^{(2)} + 8(\mu_{31}^{(1)})^2\mu_{21}^{(2)}\mu_{16}^{(2)} - 16\mu_{30}^{(1)}\mu_{34}^{(1)}\mu_{22}^{(2)}\mu_{13}^{(2)} \\
& -12\mu_{31}^{(1)}\mu_{34}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} + 8\mu_{31}^{(1)}\mu_{34}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} - 8(\mu_{31}^{(1)})^2\mu_{03}^{(2)}\mu_{34}^{(2)} \\
& +\mu_{30}^{(1)}\mu_{25}^{(1)}\mu_{40}^{(2)}\mu_{04}^{(2)} - \mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{40}^{(2)}\mu_{07}^{(2)} - 8\mu_{31}^{(1)}\mu_{25}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} \\
& -4\mu_{31}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{16}^{(2)} + 8\mu_{30}^{(1)}\mu_{25}^{(1)}\mu_{31}^{(2)}\mu_{13}^{(2)} + 4\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{31}^{(2)}\mu_{16}^{(2)} \\
& +12\mu_{31}^{(1)}\mu_{25}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} - 24\mu_{31}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{25}^{(2)} + 6\mu_{30}^{(1)}\mu_{25}^{(1)}(\mu_{22}^{(2)})^2 \\
& -6\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{22}^{(2)}\mu_{25}^{(2)} + 12\mu_{31}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{34}^{(2)} + 4\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{13}^{(2)}\mu_{34}^{(2)} \\
& -4\mu_{31}^{(1)}\mu_{25}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} + 16\mu_{31}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{43}^{(2)} - \mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{04}^{(2)}\mu_{43}^{(2)} \\
& -2\mu_{30}^{(1)}\mu_{16}^{(1)}\mu_{40}^{(2)}\mu_{13}^{(2)} + 2\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{40}^{(2)}\mu_{16}^{(2)} + 4\mu_{31}^{(1)}\mu_{16}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} \\
& +8\mu_{31}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{25}^{(2)} - 4\mu_{30}^{(1)}\mu_{16}^{(1)}\mu_{31}^{(2)}\mu_{22}^{(2)} - 8\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{31}^{(2)}\mu_{25}^{(2)} \\
& -8\mu_{31}^{(1)}\mu_{16}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} + 8\mu_{31}^{(1)}\mu_{13}^{(1)}\mu_{21}^{(2)}\mu_{34}^{(2)} + 12\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{22}^{(2)}\mu_{34}^{(2)} \\
& +4\mu_{31}^{(1)}\mu_{16}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} - 8\mu_{31}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{43}^{(2)} - 8\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{13}^{(2)}\mu_{43}^{(2)} \\
& -8\mu_{31}^{(1)}\mu_{13}^{(1)}\mu_{03}^{(2)}\mu_{52}^{(2)} + 2\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{04}^{(2)}\mu_{52}^{(2)} + \mu_{30}^{(1)}\mu_{07}^{(1)}\mu_{40}^{(2)}\mu_{22}^{(2)} \\
& -\mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{40}^{(2)}\mu_{25}^{(2)} - 4\mu_{31}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{34}^{(2)} + 4\mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{31}^{(2)}\mu_{34}^{(2)} \\
& +2\mu_{31}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{43}^{(2)} - 6\mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{22}^{(2)}\mu_{43}^{(2)} + 4\mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{13}^{(2)}\mu_{52}^{(2)} \\
& +2\mu_{31}^{(1)}\mu_{04}^{(1)}\mu_{03}^{(2)}\mu_{61}^{(2)} - \mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{04}^{(2)}\mu_{61}^{(2)} - \mu_{21}^{(1)}\mu_{70}^{(1)}(\mu_{04}^{(2)})^2 \\
& +4\mu_{21}^{(1)}\mu_{61}^{(1)}\mu_{13}^{(2)}\mu_{04}^{(2)} + 6\mu_{22}^{(1)}\mu_{52}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} - 3\mu_{21}^{(1)}\mu_{52}^{(1)}\mu_{22}^{(2)}\mu_{04}^{(2)} \\
& -12\mu_{22}^{(1)}\mu_{52}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} + 6\mu_{22}^{(1)}\mu_{52}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} - 6\mu_{22}^{(1)}\mu_{43}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} \\
& +2\mu_{21}^{(1)}\mu_{43}^{(1)}\mu_{31}^{(2)}\mu_{04}^{(2)} - 12\mu_{21}^{(1)}\mu_{43}^{(1)}\mu_{22}^{(2)}\mu_{13}^{(2)} + 18\mu_{22}^{(1)}\mu_{43}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} \\
& -12\mu_{22}^{(1)}\mu_{43}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} - \mu_{21}^{(1)}\mu_{34}^{(1)}\mu_{40}^{(2)}\mu_{04}^{(2)} + 2\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{40}^{(2)}\mu_{07}^{(2)} \\
& +12\mu_{22}^{(1)}\mu_{34}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} + 8\mu_{21}^{(1)}\mu_{34}^{(1)}\mu_{31}^{(2)}\mu_{13}^{(2)} - 8\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{31}^{(2)}\mu_{16}^{(2)} \\
& -18\mu_{22}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} + 18\mu_{21}^{(1)}\mu_{34}^{(1)}(\mu_{22}^{(2)})^2 + 12\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{22}^{(2)}\mu_{25}^{(2)} \\
& -8\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{13}^{(2)}\mu_{34}^{(2)} + 6\mu_{22}^{(1)}\mu_{34}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} + 2\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{04}^{(2)}\mu_{43}^{(2)} \\
& -3\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{40}^{(2)}\mu_{16}^{(2)} - 6\mu_{22}^{(1)}\mu_{25}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} + 6(\mu_{22}^{(1)})^2\mu_{30}^{(2)}\mu_{25}^{(2)} \\
& -24\mu_{21}^{(1)}\mu_{25}^{(1)}\mu_{31}^{(2)}\mu_{22}^{(2)} + 12\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{31}^{(2)}\mu_{25}^{(2)} + 12\mu_{22}^{(1)}\mu_{25}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} \\
& +18(\mu_{22}^{(1)})^2\mu_{21}^{(2)}\mu_{34}^{(2)} - 18\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{22}^{(2)}\mu_{34}^{(2)} - 6\mu_{22}^{(1)}\mu_{25}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} \\
& -18(\mu_{22}^{(1)})^2\mu_{12}^{(2)}\mu_{43}^{(2)} + 12\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{13}^{(2)}\mu_{43}^{(2)} - 6(\mu_{22}^{(1)})^2\mu_{03}^{(2)}\mu_{52}^{(2)} \\
& -3\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{04}^{(2)}\mu_{52}^{(2)} + 3\mu_{21}^{(1)}\mu_{16}^{(1)}\mu_{40}^{(2)}\mu_{22}^{(2)} - 16\mu_{22}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{34}^{(2)}
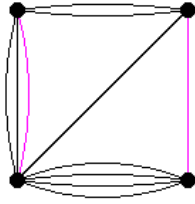\end{aligned}
$$

$$+8\mu_{21}^{(1)}\mu_{16}^{(1)}(\mu_{31}^{(2)})^2 - 12\mu_{22}^{(1)}\mu_{13}^{(1)}\mu_{21}^{(2)}\mu_{43}^{(2)} + 24\mu_{22}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{52}^{(2)}$$
$$+4\mu_{22}^{(1)}\mu_{13}^{(1)}\mu_{03}^{(2)}\mu_{61}^{(2)} - 2\mu_{21}^{(1)}\mu_{07}^{(1)}\mu_{40}^{(2)}\mu_{31}^{(2)} + \mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{40}^{(2)}\mu_{34}^{(2)}$$
$$+7\mu_{22}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{43}^{(2)} - 4\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{31}^{(2)}\mu_{43}^{(2)} - 3\mu_{22}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{52}^{(2)}$$
$$+6\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{22}^{(2)}\mu_{52}^{(2)} - 3\mu_{22}^{(1)}\mu_{04}^{(1)}\mu_{12}^{(2)}\mu_{61}^{(2)} - 4\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{13}^{(2)}\mu_{61}^{(2)}$$
$$-\mu_{22}^{(1)}\mu_{04}^{(1)}\mu_{03}^{(2)}\mu_{70}^{(2)} + \mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{04}^{(2)}\mu_{70}^{(2)} + 2\mu_{12}^{(1)}\mu_{70}^{(1)}\mu_{13}^{(2)}\mu_{04}^{(2)}$$
$$-4\mu_{13}^{(1)}\mu_{61}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} - 3\mu_{12}^{(1)}\mu_{61}^{(1)}\mu_{22}^{(2)}\mu_{04}^{(2)} + 8\mu_{13}^{(1)}\mu_{61}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)}$$
$$-8\mu_{12}^{(1)}\mu_{61}^{(1)}(\mu_{13}^{(2)})^2 - 4\mu_{13}^{(1)}\mu_{61}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} + 4\mu_{13}^{(1)}\mu_{52}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)}$$
$$+24\mu_{12}^{(1)}\mu_{52}^{(1)}\mu_{22}^{(2)}\mu_{13}^{(2)} - 12\mu_{13}^{(1)}\mu_{52}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} + 8\mu_{13}^{(1)}\mu_{52}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)}$$
$$+\mu_{12}^{(1)}\mu_{43}^{(1)}\mu_{40}^{(2)}\mu_{04}^{(2)} - \mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{40}^{(2)}\mu_{07}^{(2)} - 8\mu_{13}^{(1)}\mu_{43}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)}$$
$$-8\mu_{12}^{(1)}\mu_{43}^{(1)}\mu_{31}^{(2)}\mu_{13}^{(2)} + 4\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{31}^{(2)}\mu_{16}^{(2)} + 12\mu_{13}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)}$$
$$-18\mu_{12}^{(1)}\mu_{43}^{(1)}(\mu_{22}^{(2)})^2 - 6\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{22}^{(2)}\mu_{25}^{(2)} + 4\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{13}^{(2)}\mu_{34}^{(2)}$$
$$-4\mu_{13}^{(1)}\mu_{43}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} - \mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{04}^{(2)}\mu_{43}^{(2)} - 2\mu_{12}^{(1)}\mu_{34}^{(1)}\mu_{40}^{(2)}\mu_{13}^{(2)}$$
$$+4\mu_{13}^{(1)}\mu_{34}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} + 12\mu_{12}^{(1)}\mu_{34}^{(1)}\mu_{31}^{(2)}\mu_{22}^{(2)} - 8\mu_{13}^{(1)}\mu_{34}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)}$$
$$+4\mu_{13}^{(1)}\mu_{34}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} + 3\mu_{12}^{(1)}\mu_{25}^{(1)}\mu_{40}^{(2)}\mu_{22}^{(2)} + 3\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{40}^{(2)}\mu_{25}^{(2)}$$
$$-12\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{31}^{(2)}\mu_{34}^{(2)} + 18\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{22}^{(2)}\mu_{43}^{(2)} - 12\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{13}^{(2)}\mu_{52}^{(2)}$$
$$+3\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{04}^{(2)}\mu_{61}^{(2)} - 4\mu_{12}^{(1)}\mu_{16}^{(1)}\mu_{40}^{(2)}\mu_{31}^{(2)} - 2\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{40}^{(2)}\mu_{34}^{(2)}$$
$$+8(\mu_{13}^{(1)})^2\mu_{30}^{(2)}\mu_{43}^{(2)} + 8\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{31}^{(2)}\mu_{43}^{(2)} - 12\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{22}^{(2)}\mu_{52}^{(2)}$$
$$-8(\mu_{13}^{(1)})^2\mu_{12}^{(2)}\mu_{61}^{(2)} + 8\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{13}^{(2)}\mu_{61}^{(2)} - 2\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{04}^{(2)}\mu_{70}^{(2)}$$
$$+\mu_{12}^{(1)}\mu_{07}^{(1)}(\mu_{40}^{(2)})^2 - 6\mu_{13}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{52}^{(2)} + 4\mu_{13}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{61}^{(2)}$$
$$+2\mu_{13}^{(1)}\mu_{04}^{(1)}\mu_{12}^{(2)}\mu_{70}^{(2)} + \mu_{04}^{(1)}\mu_{70}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} - \mu_{03}^{(1)}\mu_{70}^{(1)}\mu_{22}^{(2)}\mu_{04}^{(2)}$$
$$-2\mu_{04}^{(1)}\mu_{70}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} + \mu_{04}^{(1)}\mu_{70}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} - \mu_{04}^{(1)}\mu_{61}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)}$$
$$+2\mu_{03}^{(1)}\mu_{61}^{(1)}\mu_{31}^{(2)}\mu_{04}^{(2)} + 4\mu_{03}^{(1)}\mu_{61}^{(1)}\mu_{22}^{(2)}\mu_{13}^{(2)} + 3\mu_{04}^{(1)}\mu_{61}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)}$$
$$-2\mu_{04}^{(1)}\mu_{61}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} - \mu_{03}^{(1)}\mu_{52}^{(1)}\mu_{40}^{(2)}\mu_{04}^{(2)} + 2\mu_{04}^{(1)}\mu_{52}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)}$$
$$-8\mu_{03}^{(1)}\mu_{52}^{(1)}\mu_{31}^{(2)}\mu_{13}^{(2)} - 3\mu_{04}^{(1)}\mu_{52}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} - 6\mu_{03}^{(1)}\mu_{52}^{(1)}(\mu_{22}^{(2)})^2$$
$$+\mu_{04}^{(1)}\mu_{52}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} + 4\mu_{03}^{(1)}\mu_{43}^{(1)}\mu_{40}^{(2)}\mu_{13}^{(2)} + \mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{40}^{(2)}\mu_{16}^{(2)}$$
$$-\mu_{04}^{(1)}\mu_{43}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} + 16\mu_{03}^{(1)}\mu_{43}^{(1)}\mu_{31}^{(2)}\mu_{22}^{(2)} - 4\mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{31}^{(2)}\mu_{25}^{(2)}$$
$$+2\mu_{04}^{(1)}\mu_{43}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} + 6\mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{22}^{(2)}\mu_{34}^{(2)} - \mu_{04}^{(1)}\mu_{43}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)}$$
$$-4\mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{13}^{(2)}\mu_{43}^{(2)} + \mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{04}^{(2)}\mu_{52}^{(2)} - 7\mu_{03}^{(1)}\mu_{34}^{(1)}\mu_{40}^{(2)}\mu_{22}^{(2)}$$
$$-2\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{40}^{(2)}\mu_{25}^{(2)} - 8\mu_{03}^{(1)}\mu_{34}^{(1)}(\mu_{31}^{(2)})^2 + 8\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{31}^{(2)}\mu_{34}^{(2)}$$
$$-12\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{22}^{(2)}\mu_{43}^{(2)} + 8\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{13}^{(2)}\mu_{52}^{(2)} - 2\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{04}^{(2)}\mu_{61}^{(2)}$$
$$+6\mu_{03}^{(1)}\mu_{25}^{(1)}\mu_{40}^{(2)}\mu_{31}^{(2)} + \mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{40}^{(2)}\mu_{34}^{(2)} - 4\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{31}^{(2)}\mu_{43}^{(2)}$$
$$+6\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{22}^{(2)}\mu_{52}^{(2)} - 4\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{13}^{(2)}\mu_{61}^{(2)} + \mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{04}^{(2)}\mu_{70}^{(2)}$$
$$-\mu_{03}^{(1)}\mu_{16}^{(1)}(\mu_{40}^{(2)})^2 + (\mu_{04}^{(1)})^2\mu_{30}^{(2)}\mu_{61}^{(2)} - (\mu_{04}^{(1)})^2\mu_{21}^{(2)}\mu_{70}^{(2)}$$

weight=9
structure: 0,1,2,0,0,1
Generating graph:

1	1	1	1	1	1	1	2	2		1	3
2	2	3	3	3	3	4	4	4		2	4

$$
\begin{aligned}
V_{60} \;=\; & -\mu_{50}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} + 2\mu_{50}^{(1)}\mu_{25}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} - \mu_{50}^{(1)}\mu_{25}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} \\
& +2\mu_{50}^{(1)}\mu_{16}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} - 4\mu_{50}^{(1)}\mu_{16}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} + 2\mu_{50}^{(1)}\mu_{16}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} \\
& -\mu_{50}^{(1)}\mu_{07}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} + 2\mu_{50}^{(1)}\mu_{07}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} - \mu_{50}^{(1)}\mu_{07}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} \\
& +\mu_{40}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{07}^{(2)} - 5\mu_{40}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{16}^{(2)} + 5\mu_{41}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} \\
& -10\mu_{41}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} + 5\mu_{41}^{(1)}\mu_{34}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} + 10\mu_{40}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{25}^{(2)} \\
& -10\mu_{41}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} + 20\mu_{41}^{(1)}\mu_{25}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} - 10\mu_{41}^{(1)}\mu_{25}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} \\
& -10\mu_{40}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{34}^{(2)} + 5\mu_{41}^{(1)}\mu_{16}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} - 10\mu_{41}^{(1)}\mu_{16}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} \\
& +5\mu_{41}^{(1)}\mu_{16}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} + 5\mu_{40}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{43}^{(2)} - \mu_{40}^{(1)}\mu_{05}^{(1)}\mu_{02}^{(2)}\mu_{52}^{(2)} \\
& -2\mu_{31}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{07}^{(2)} - 2\mu_{31}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{16}^{(2)} - 10\mu_{32}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} \\
& +20\mu_{32}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} + 10\mu_{31}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{16}^{(2)} - 10\mu_{32}^{(1)}\mu_{43}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} \\
& +10\mu_{31}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{25}^{(2)} + 20\mu_{32}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} - 40\mu_{32}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} \\
& -20\mu_{31}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{25}^{(2)} + 20\mu_{32}^{(1)}\mu_{34}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} - 20\mu_{31}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{34}^{(2)} \\
& -10\mu_{32}^{(1)}\mu_{25}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} + 20\mu_{32}^{(1)}\mu_{25}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} + 20\mu_{31}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{34}^{(2)} \\
& -10\mu_{32}^{(1)}\mu_{25}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} + 20\mu_{31}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{43}^{(2)} - 10\mu_{31}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{43}^{(2)} \\
& -10\mu_{31}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{52}^{(2)} + 2\mu_{31}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{52}^{(2)} + 2\mu_{31}^{(1)}\mu_{05}^{(1)}\mu_{02}^{(2)}\mu_{61}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{70}^{(1)}\mu_{04}^{(2)}\mu_{05}^{(2)} + 2\mu_{20}^{(1)}\mu_{61}^{(1)}\mu_{13}^{(2)}\mu_{05}^{(2)} + 5\mu_{20}^{(1)}\mu_{61}^{(1)}\mu_{04}^{(2)}\mu_{14}^{(2)} \\
& +10\mu_{23}^{(1)}\mu_{52}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} + \mu_{22}^{(1)}\mu_{50}^{(1)}\mu_{20}^{(2)}\mu_{07}^{(2)} - \mu_{20}^{(1)}\mu_{52}^{(1)}\mu_{22}^{(2)}\mu_{05}^{(2)} \\
& -20\mu_{23}^{(1)}\mu_{52}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} + 4\mu_{22}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{16}^{(2)} - 10\mu_{20}^{(1)}\mu_{52}^{(1)}\mu_{13}^{(2)}\mu_{14}^{(2)} \\
& +10\mu_{23}^{(1)}\mu_{52}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} + \mu_{22}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{25}^{(2)} - 10\mu_{20}^{(1)}\mu_{52}^{(1)}\mu_{04}^{(2)}\mu_{23}^{(2)} \\
& -20\mu_{23}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} - 5\mu_{22}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{16}^{(2)} + 5\mu_{20}^{(1)}\mu_{43}^{(1)}\mu_{22}^{(2)}\mu_{14}^{(2)} \\
& +40\mu_{23}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} - 20\mu_{22}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{25}^{(2)} + 20\mu_{20}^{(1)}\mu_{43}^{(1)}\mu_{13}^{(2)}\mu_{23}^{(2)} \\
& -20\mu_{23}^{(1)}\mu_{43}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} - 5\mu_{22}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{34}^{(2)} + 10\mu_{20}^{(1)}\mu_{43}^{(1)}\mu_{04}^{(2)}\mu_{32}^{(2)} \\
& +10\mu_{23}^{(1)}\mu_{34}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} + 10\mu_{22}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{25}^{(2)} - 10\mu_{20}^{(1)}\mu_{34}^{(1)}\mu_{22}^{(2)}\mu_{23}^{(2)} \\
& -20\mu_{23}^{(1)}\mu_{34}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} + 40\mu_{22}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{34}^{(2)} - 20\mu_{20}^{(1)}\mu_{34}^{(1)}\mu_{13}^{(2)}\mu_{32}^{(2)} \\
& +10\mu_{23}^{(1)}\mu_{34}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} + 10\mu_{22}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{43}^{(2)} - 5\mu_{20}^{(1)}\mu_{34}^{(1)}\mu_{04}^{(2)}\mu_{41}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{50}^{(2)}\mu_{07}^{(2)} + 5\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{41}^{(2)}\mu_{16}^{(2)} - 10\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{32}^{(2)}\mu_{25}^{(2)} \\
& -10\mu_{22}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{34}^{(2)} + 10\mu_{20}^{(1)}\mu_{25}^{(1)}\mu_{22}^{(2)}\mu_{32}^{(2)} + 10\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{23}^{(2)}\mu_{34}^{(2)} \\
& -40\mu_{22}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{43}^{(2)} + 10\mu_{20}^{(1)}\mu_{25}^{(1)}\mu_{13}^{(2)}\mu_{41}^{(2)} - 5\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{14}^{(2)}\mu_{43}^{(2)} \\
& -10\mu_{22}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{52}^{(2)} + \mu_{20}^{(1)}\mu_{25}^{(1)}\mu_{04}^{(2)}\mu_{50}^{(2)} + \mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{05}^{(2)}\mu_{52}^{(2)} \\
& +2\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{50}^{(2)}\mu_{16}^{(2)} - 10\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{41}^{(2)}\mu_{25}^{(2)} + 20\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{32}^{(2)}\mu_{34}^{(2)} \\
& +5\mu_{22}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{43}^{(2)} - 5\mu_{20}^{(1)}\mu_{16}^{(1)}\mu_{22}^{(2)}\mu_{41}^{(2)} - 20\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{23}^{(2)}\mu_{43}^{(2)} \\
& +20\mu_{22}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{52}^{(2)} - 2\mu_{20}^{(1)}\mu_{16}^{(1)}\mu_{13}^{(2)}\mu_{50}^{(2)} + 10\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{14}^{(2)}\mu_{52}^{(2)} \\
& +5\mu_{22}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{61}^{(2)} - 2\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{05}^{(2)}\mu_{61}^{(2)} - \mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{50}^{(2)}\mu_{25}^{(2)} \\
& +5\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{41}^{(2)}\mu_{34}^{(2)} - 10\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{32}^{(2)}\mu_{43}^{(2)} - \mu_{22}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{52}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{07}^{(1)}\mu_{22}^{(2)}\mu_{50}^{(2)} + 10\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{23}^{(2)}\mu_{52}^{(2)} - 4\mu_{22}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{61}^{(2)} \\
& -5\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{14}^{(2)}\mu_{61}^{(2)} - \mu_{22}^{(1)}\mu_{05}^{(1)}\mu_{02}^{(2)}\mu_{70}^{(2)} + \mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{05}^{(2)}\mu_{70}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{70}^{(1)}\mu_{13}^{(2)}\mu_{05}^{(2)} - 5\mu_{14}^{(1)}\mu_{61}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} - 4\mu_{11}^{(1)}\mu_{61}^{(1)}\mu_{22}^{(2)}\mu_{05}^{(2)} \\
& +10\mu_{14}^{(1)}\mu_{61}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} - 10\mu_{11}^{(1)}\mu_{61}^{(1)}\mu_{13}^{(2)}\mu_{14}^{(2)} - 5\mu_{14}^{(1)}\mu_{61}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{52}^{(1)}\mu_{31}^{(2)}\mu_{05}^{(2)} + 10\mu_{14}^{(1)}\mu_{52}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} - 2\mu_{13}^{(1)}\mu_{50}^{(1)}\mu_{20}^{(2)}\mu_{16}^{(2)}
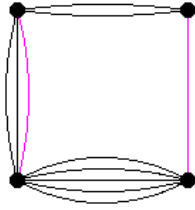\end{aligned}
$$

$$+20\mu_{11}^{(1)}\mu_{52}^{(1)}\mu_{22}^{(2)}\mu_{14}^{(2)} - 20\mu_{14}^{(1)}\mu_{52}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} - 2\mu_{13}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{25}^{(2)}$$
$$+20\mu_{11}^{(1)}\mu_{52}^{(1)}\mu_{13}^{(2)}\mu_{23}^{(2)} + 10\mu_{14}^{(1)}\mu_{52}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} - 10\mu_{11}^{(1)}\mu_{43}^{(1)}\mu_{31}^{(2)}\mu_{14}^{(2)}$$
$$-5\mu_{14}^{(1)}\mu_{43}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} + 10\mu_{13}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{25}^{(2)} - 40\mu_{11}^{(1)}\mu_{43}^{(1)}\mu_{22}^{(2)}\mu_{23}^{(2)}$$
$$+10\mu_{14}^{(1)}\mu_{43}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} + 10\mu_{13}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{34}^{(2)} - 20\mu_{11}^{(1)}\mu_{43}^{(1)}\mu_{13}^{(2)}\mu_{32}^{(2)}$$
$$-5\mu_{14}^{(1)}\mu_{43}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} + 2\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{50}^{(2)}\mu_{07}^{(2)} - 10\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{41}^{(2)}\mu_{16}^{(2)}$$
$$+20\mu_{11}^{(1)}\mu_{34}^{(1)}\mu_{31}^{(2)}\mu_{23}^{(2)} + 20\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{32}^{(2)}\mu_{25}^{(2)} - 20\mu_{13}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{34}^{(2)}$$
$$+40\mu_{11}^{(1)}\mu_{34}^{(1)}\mu_{22}^{(2)}\mu_{32}^{(2)} - 20\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{23}^{(2)}\mu_{34}^{(2)} - 20\mu_{13}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{43}^{(2)}$$
$$+10\mu_{11}^{(1)}\mu_{34}^{(1)}\mu_{13}^{(2)}\mu_{41}^{(2)} + 10\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{14}^{(2)}\mu_{43}^{(2)} - 2\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{05}^{(2)}\mu_{52}^{(2)}$$
$$-4\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{50}^{(2)}\mu_{16}^{(2)} + 20\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{41}^{(2)}\mu_{25}^{(2)} - 20\mu_{11}^{(1)}\mu_{25}^{(1)}\mu_{31}^{(2)}\mu_{32}^{(2)}$$
$$-40\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{32}^{(2)}\mu_{34}^{(2)} + 20\mu_{13}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{43}^{(2)} - 20\mu_{11}^{(1)}\mu_{25}^{(1)}\mu_{22}^{(2)}\mu_{41}^{(2)}$$
$$+40\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{23}^{(2)}\mu_{43}^{(2)} + 20\mu_{13}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{52}^{(2)} - 2\mu_{11}^{(1)}\mu_{25}^{(1)}\mu_{13}^{(2)}\mu_{50}^{(2)}$$
$$-20\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{14}^{(2)}\mu_{52}^{(2)} + 4\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{05}^{(2)}\mu_{61}^{(2)} + 2\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{50}^{(2)}\mu_{25}^{(2)}$$
$$-10\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{41}^{(2)}\mu_{34}^{(2)} + 10\mu_{11}^{(1)}\mu_{16}^{(1)}\mu_{31}^{(2)}\mu_{41}^{(2)} + 20\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{32}^{(2)}\mu_{43}^{(2)}$$
$$-10\mu_{13}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{52}^{(2)} + 4\mu_{11}^{(1)}\mu_{16}^{(1)}\mu_{22}^{(2)}\mu_{50}^{(2)} - 20\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{23}^{(2)}\mu_{52}^{(2)}$$
$$-10\mu_{13}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{61}^{(2)} + 10\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{14}^{(2)}\mu_{61}^{(2)} - 2\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{05}^{(2)}\mu_{70}^{(2)}$$
$$-2\mu_{11}^{(1)}\mu_{07}^{(1)}\mu_{31}^{(2)}\mu_{50}^{(2)} + 2\mu_{13}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{61}^{(2)} + 2\mu_{13}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{70}^{(2)}$$
$$+\mu_{05}^{(1)}\mu_{70}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} - \mu_{02}^{(1)}\mu_{70}^{(1)}\mu_{22}^{(2)}\mu_{05}^{(2)} - 2\mu_{05}^{(1)}\mu_{70}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)}$$
$$+\mu_{05}^{(1)}\mu_{70}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} + 2\mu_{02}^{(1)}\mu_{61}^{(1)}\mu_{31}^{(2)}\mu_{05}^{(2)} - 2\mu_{05}^{(1)}\mu_{61}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)}$$
$$+5\mu_{02}^{(1)}\mu_{61}^{(1)}\mu_{22}^{(2)}\mu_{14}^{(2)} + 4\mu_{05}^{(1)}\mu_{61}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} - 2\mu_{05}^{(1)}\mu_{61}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{52}^{(1)}\mu_{40}^{(2)}\mu_{05}^{(2)} - 10\mu_{02}^{(1)}\mu_{52}^{(1)}\mu_{31}^{(2)}\mu_{14}^{(2)} + \mu_{05}^{(1)}\mu_{52}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)}$$
$$+\mu_{04}^{(1)}\mu_{50}^{(1)}\mu_{20}^{(2)}\mu_{25}^{(2)} - 10\mu_{02}^{(1)}\mu_{52}^{(1)}\mu_{22}^{(2)}\mu_{23}^{(2)} - 2\mu_{05}^{(1)}\mu_{52}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)}$$
$$+\mu_{05}^{(1)}\mu_{52}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} - \mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{50}^{(2)}\mu_{07}^{(2)} + 5\mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{40}^{(2)}\mu_{14}^{(2)}$$
$$+5\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{41}^{(2)}\mu_{16}^{(2)} + 20\mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{31}^{(2)}\mu_{23}^{(2)} - 10\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{32}^{(2)}\mu_{25}^{(2)}$$
$$-5\mu_{04}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{34}^{(2)} + 10\mu_{02}^{(1)}\mu_{43}^{(1)}\mu_{22}^{(2)}\mu_{32}^{(2)} + 10\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{23}^{(2)}\mu_{34}^{(2)}$$
$$-5\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{14}^{(2)}\mu_{43}^{(2)} + \mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{05}^{(2)}\mu_{52}^{(2)} + 2\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{50}^{(2)}\mu_{16}^{(2)}$$
$$-10\mu_{02}^{(1)}\mu_{34}^{(1)}\mu_{40}^{(2)}\mu_{23}^{(2)} - 10\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{41}^{(2)}\mu_{25}^{(2)} - 20\mu_{02}^{(1)}\mu_{34}^{(1)}\mu_{31}^{(2)}\mu_{32}^{(2)}$$
$$+20\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{32}^{(2)}\mu_{34}^{(2)} + 10\mu_{04}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{43}^{(2)} - 5\mu_{02}^{(1)}\mu_{34}^{(1)}\mu_{22}^{(2)}\mu_{41}^{(2)}$$
$$-20\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{23}^{(2)}\mu_{43}^{(2)} + 10\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{14}^{(2)}\mu_{52}^{(2)} - 2\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{05}^{(2)}\mu_{61}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{50}^{(2)}\mu_{25}^{(2)} + 10\mu_{02}^{(1)}\mu_{25}^{(1)}\mu_{40}^{(2)}\mu_{32}^{(2)} + 5\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{41}^{(2)}\mu_{34}^{(2)}$$
$$+10\mu_{02}^{(1)}\mu_{25}^{(1)}\mu_{31}^{(2)}\mu_{41}^{(2)} - 10\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{32}^{(2)}\mu_{43}^{(2)} - 10\mu_{04}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{52}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{25}^{(1)}\mu_{22}^{(2)}\mu_{50}^{(2)} + 10\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{23}^{(2)}\mu_{52}^{(2)} - 5\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{14}^{(2)}\mu_{61}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{05}^{(2)}\mu_{70}^{(2)} - 5\mu_{02}^{(1)}\mu_{16}^{(1)}\mu_{40}^{(2)}\mu_{41}^{(2)} - 2\mu_{02}^{(1)}\mu_{16}^{(1)}\mu_{31}^{(2)}\mu_{50}^{(2)}$$
$$+5\mu_{04}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{61}^{(2)} + \mu_{02}^{(1)}\mu_{07}^{(1)}\mu_{40}^{(2)}\mu_{50}^{(2)} - \mu_{04}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{70}^{(2)}$$

weight=9
structure: 1,0,1,1,0,1
Generating graph:

1	1	1	1	1	1	1	2	2		1	3
2	2	3	3	3	3	3	4	4		2	4

Invariants of the order 8

$$
\begin{aligned}
V_{61} \;=\;& \mu_{40}^{(1)}\mu_{44}^{(1)}(\mu_{02}^{(2)})^2 - 4\mu_{40}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} + 2\mu_{40}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} \\
&+ 4\mu_{40}^{(1)}\mu_{26}^{(1)}(\mu_{11}^{(2)})^2 - 4\mu_{40}^{(1)}\mu_{17}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} + \mu_{40}^{(1)}\mu_{08}^{(1)}(\mu_{20}^{(2)})^2 - 4\mu_{31}^{(1)}\mu_{53}^{(1)}(\mu_{02}^{(2)})^2 \\
&+ 16\mu_{31}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} - 8\mu_{31}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} - 16\mu_{31}^{(1)}\mu_{35}^{(1)}(\mu_{11}^{(2)})^2 \\
&+ 16\mu_{31}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} - 4\mu_{31}^{(1)}\mu_{17}^{(1)}(\mu_{20}^{(2)})^2 + 6\mu_{22}^{(1)}\mu_{62}^{(1)}(\mu_{02}^{(2)})^2 \\
&- \mu_{20}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} - 24\mu_{22}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} + 2\mu_{20}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} \\
&+ 4\mu_{20}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} + 12\mu_{22}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} - \mu_{20}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} \\
&- \mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{20}^{(2)}\mu_{08}^{(2)} + 24\mu_{22}^{(1)}\mu_{44}^{(1)}(\mu_{11}^{(2)})^2 - 8\mu_{20}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} \\
&+ 2\mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{17}^{(2)} - 6\mu_{20}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} - \mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{26}^{(2)} \\
&- 24\mu_{22}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} + 4\mu_{20}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} + 4\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{17}^{(2)} \\
&+ 12\mu_{20}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} - 8\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{26}^{(2)} + 4\mu_{20}^{(1)}\mu_{35}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} \\
&+ 4\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{35}^{(2)} + (\mu_{20}^{(1)})^2\mu_{40}^{(2)}\mu_{08}^{(2)} - 4(\mu_{20}^{(1)})^2\mu_{31}^{(2)}\mu_{17}^{(2)} + 6\mu_{22}^{(1)}\mu_{26}^{(1)}(\mu_{20}^{(2)})^2 \\
&- 6\mu_{20}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} - 6\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{26}^{(2)} + 6(\mu_{20}^{(1)})^2\mu_{22}^{(2)}\mu_{26}^{(2)} \\
&- 8\mu_{20}^{(1)}\mu_{26}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} + 12\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{35}^{(2)} - 4(\mu_{20}^{(1)})^2\mu_{13}^{(2)}\mu_{35}^{(2)} \\
&- \mu_{20}^{(1)}\mu_{26}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} - 6\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{44}^{(2)} + (\mu_{20}^{(1)})^2\mu_{04}^{(2)}\mu_{44}^{(2)} \\
&- 4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{40}^{(2)}\mu_{17}^{(2)} + 16\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{31}^{(2)}\mu_{26}^{(2)} + 4\mu_{20}^{(1)}\mu_{17}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} \\
&+ 4\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{35}^{(2)} - 24\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{22}^{(2)}\mu_{35}^{(2)} + 2\mu_{20}^{(1)}\mu_{17}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} \\
&- 8\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{44}^{(2)} + 16\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{13}^{(2)}\mu_{44}^{(2)} + 4\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{53}^{(2)} \\
&- 4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{04}^{(2)}\mu_{53}^{(2)} + 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{40}^{(2)}\mu_{26}^{(2)} - 8\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{31}^{(2)}\mu_{35}^{(2)} \\
&- \mu_{20}^{(1)}\mu_{08}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)} - \mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{44}^{(2)} + 12\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{22}^{(2)}\mu_{44}^{(2)} \\
&+ 2\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{53}^{(2)} - 8\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{13}^{(2)}\mu_{53}^{(2)} - \mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{62}^{(2)} \\
&+ 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{04}^{(2)}\mu_{62}^{(2)} - 4\mu_{13}^{(1)}\mu_{71}^{(1)}(\mu_{02}^{(2)})^2 + 2\mu_{11}^{(1)}\mu_{71}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} \\
&+ 16\mu_{13}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} - 4\mu_{11}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} - 8\mu_{11}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} \\
&- 8\mu_{13}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} + 2\mu_{11}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} - 16\mu_{13}^{(1)}\mu_{53}^{(1)}(\mu_{11}^{(2)})^2 \\
&+ 16\mu_{11}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} + 12\mu_{11}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} + 16\mu_{13}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} \\
&- 8\mu_{11}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} + 2\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{20}^{(2)}\mu_{17}^{(2)} - 24\mu_{11}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} \\
&- 4\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{26}^{(2)} - 8\mu_{11}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} + 2\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{35}^{(2)} \\
&- 4\mu_{13}^{(1)}\mu_{35}^{(1)}(\mu_{20}^{(2)})^2 + 12\mu_{11}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} - 8\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{26}^{(2)} \\
&+ 16\mu_{11}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} + 16\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{35}^{(2)} + 2\mu_{11}^{(1)}\mu_{35}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} \\
&- 8\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{44}^{(2)} - 8\mu_{11}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} + 12\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{35}^{(2)} \\
&- 4\mu_{11}^{(1)}\mu_{26}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} - 24\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{44}^{(2)} + 12\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{53}^{(2)} \\
&+ 4(\mu_{11}^{(1)})^2\mu_{40}^{(2)}\mu_{26}^{(2)} - 16(\mu_{11}^{(1)})^2\mu_{31}^{(2)}\mu_{35}^{(2)} + 2\mu_{11}^{(1)}\mu_{17}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)} \\
&- 8\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{44}^{(2)} + 24(\mu_{11}^{(1)})^2\mu_{22}^{(2)}\mu_{44}^{(2)} + 16\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{53}^{(2)} \\
&- 16(\mu_{11}^{(1)})^2\mu_{13}^{(2)}\mu_{53}^{(2)} - 8\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{62}^{(2)} + 4(\mu_{11}^{(1)})^2\mu_{04}^{(2)}\mu_{62}^{(2)} \\
&- 4\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{40}^{(2)}\mu_{35}^{(2)} + 16\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{31}^{(2)}\mu_{44}^{(2)} + 2\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{53}^{(2)} \\
&- 24\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{22}^{(2)}\mu_{53}^{(2)} - 4\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{62}^{(2)} + 16\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{13}^{(2)}\mu_{62}^{(2)} \\
&+ 2\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{71}^{(2)} - 4\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{04}^{(2)}\mu_{71}^{(2)} + \mu_{04}^{(1)}\mu_{80}^{(1)}(\mu_{02}^{(2)})^2 \\
&- \mu_{02}^{(1)}\mu_{80}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} - 4\mu_{04}^{(1)}\mu_{71}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} + 2\mu_{02}^{(1)}\mu_{71}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} \\
&+ 4\mu_{02}^{(1)}\mu_{71}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} + 2\mu_{04}^{(1)}\mu_{62}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} - \mu_{02}^{(1)}\mu_{62}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} \\
&+ 4\mu_{04}^{(1)}\mu_{62}^{(1)}(\mu_{11}^{(2)})^2 - 8\mu_{02}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} - 6\mu_{02}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)}
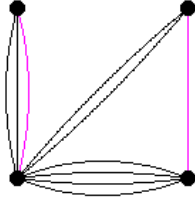\end{aligned}
$$

$$-4\mu_{04}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} + 4\mu_{02}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} + 12\mu_{02}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)}$$
$$+4\mu_{02}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} + \mu_{04}^{(1)}\mu_{44}^{(1)}(\mu_{20}^{(2)})^2 - 6\mu_{02}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{20}^{(2)}\mu_{26}^{(2)} - 8\mu_{02}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} + 2\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{35}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} - \mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{44}^{(2)} + 4\mu_{02}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)}$$
$$+4\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{35}^{(2)} + 2\mu_{02}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} - 8\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{44}^{(2)}$$
$$+4\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{53}^{(2)} - \mu_{02}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)} - 6\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{44}^{(2)}$$
$$+12\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{53}^{(2)} - 6\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{62}^{(2)} + 4\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{53}^{(2)}$$
$$-8\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{62}^{(2)} + 4\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{71}^{(2)} + (\mu_{02}^{(1)})^2\mu_{40}^{(2)}\mu_{44}^{(2)}$$
$$-4(\mu_{02}^{(1)})^2\mu_{31}^{(2)}\mu_{53}^{(2)} - \mu_{02}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{62}^{(2)} + 6(\mu_{02}^{(1)})^2\mu_{22}^{(2)}\mu_{62}^{(2)}$$
$$+2\mu_{02}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{71}^{(2)} - 4(\mu_{02}^{(1)})^2\mu_{13}^{(2)}\mu_{71}^{(2)} - \mu_{02}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{80}^{(2)}$$
$$+(\mu_{02}^{(1)})^2\mu_{04}^{(2)}\mu_{80}^{(2)}$$

weight=8
structure: 2,0,1,0,0,0,1
Generating graph:

$$
\begin{array}{cccccccc}
1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 \\
2 & 2 & 2 & 2 & 3 & 3 & 4 & 4
\end{array}
\qquad
\begin{array}{cc}
1 & 2 \\
3 & 4
\end{array}
$$

$$
\begin{aligned}
V_{62} \;=\; & -\mu^{(1)}_{30}\mu^{(1)}_{53}\mu^{(2)}_{02}\mu^{(2)}_{03} + 2\mu^{(1)}_{30}\mu^{(1)}_{44}\mu^{(2)}_{11}\mu^{(2)}_{03} + 3\mu^{(1)}_{30}\mu^{(1)}_{44}\mu^{(2)}_{02}\mu^{(2)}_{12} \\
& -\mu^{(1)}_{30}\mu^{(1)}_{35}\mu^{(2)}_{20}\mu^{(2)}_{03} - (\mu^{(1)}_{30})^2\mu^{(2)}_{20}\mu^{(2)}_{08} - 6\mu^{(1)}_{30}\mu^{(1)}_{35}\mu^{(2)}_{11}\mu^{(2)}_{12} \\
& +2(\mu^{(1)}_{30})^2\mu^{(2)}_{11}\mu^{(2)}_{17} - 3\mu^{(1)}_{30}\mu^{(1)}_{35}\mu^{(2)}_{02}\mu^{(2)}_{21} - (\mu^{(1)}_{30})^2\mu^{(2)}_{02}\mu^{(2)}_{26} \\
& +3\mu^{(1)}_{30}\mu^{(1)}_{26}\mu^{(2)}_{20}\mu^{(2)}_{12} + 6\mu^{(1)}_{30}\mu^{(1)}_{21}\mu^{(2)}_{20}\mu^{(2)}_{17} + 6\mu^{(1)}_{30}\mu^{(1)}_{26}\mu^{(2)}_{11}\mu^{(2)}_{21} \\
& -12\mu^{(1)}_{30}\mu^{(1)}_{21}\mu^{(2)}_{11}\mu^{(2)}_{26} + \mu^{(1)}_{30}\mu^{(1)}_{26}\mu^{(2)}_{02}\mu^{(2)}_{30} + 6\mu^{(1)}_{30}\mu^{(1)}_{21}\mu^{(2)}_{02}\mu^{(2)}_{35} \\
& -3\mu^{(1)}_{30}\mu^{(1)}_{17}\mu^{(2)}_{20}\mu^{(2)}_{21} - 6\mu^{(1)}_{30}\mu^{(1)}_{12}\mu^{(2)}_{20}\mu^{(2)}_{26} - 2\mu^{(1)}_{30}\mu^{(1)}_{17}\mu^{(2)}_{11}\mu^{(2)}_{30} \\
& +12\mu^{(1)}_{30}\mu^{(1)}_{12}\mu^{(2)}_{11}\mu^{(2)}_{35} - 6\mu^{(1)}_{30}\mu^{(1)}_{12}\mu^{(2)}_{02}\mu^{(2)}_{44} + \mu^{(1)}_{30}\mu^{(1)}_{08}\mu^{(2)}_{20}\mu^{(2)}_{30} \\
& +2\mu^{(1)}_{30}\mu^{(1)}_{03}\mu^{(2)}_{20}\mu^{(2)}_{35} - 4\mu^{(1)}_{30}\mu^{(1)}_{03}\mu^{(2)}_{11}\mu^{(2)}_{44} + 2\mu^{(1)}_{30}\mu^{(1)}_{03}\mu^{(2)}_{02}\mu^{(2)}_{53} \\
& +3\mu^{(1)}_{21}\mu^{(1)}_{62}\mu^{(2)}_{02}\mu^{(2)}_{03} - \mu^{(1)}_{20}\mu^{(1)}_{62}(\mu^{(2)}_{03})^2 - 6\mu^{(1)}_{21}\mu^{(1)}_{53}\mu^{(2)}_{11}\mu^{(2)}_{03} \\
& +6\mu^{(1)}_{20}\mu^{(1)}_{53}\mu^{(2)}_{12}\mu^{(2)}_{03} - 9\mu^{(1)}_{21}\mu^{(1)}_{53}\mu^{(2)}_{02}\mu^{(2)}_{12} + 3\mu^{(1)}_{21}\mu^{(1)}_{44}\mu^{(2)}_{20}\mu^{(2)}_{03} \\
& -6\mu^{(1)}_{20}\mu^{(1)}_{44}\mu^{(2)}_{21}\mu^{(2)}_{03} + 18\mu^{(1)}_{21}\mu^{(1)}_{44}\mu^{(2)}_{11}\mu^{(2)}_{12} - 9\mu^{(1)}_{20}\mu^{(1)}_{44}(\mu^{(2)}_{12})^2 \\
& +9\mu^{(1)}_{21}\mu^{(1)}_{44}\mu^{(2)}_{02}\mu^{(2)}_{21} + 2\mu^{(1)}_{20}\mu^{(1)}_{35}\mu^{(2)}_{30}\mu^{(2)}_{03} + \mu^{(1)}_{20}\mu^{(1)}_{30}\mu^{(2)}_{30}\mu^{(2)}_{08} \\
& -9\mu^{(1)}_{21}\mu^{(1)}_{35}\mu^{(2)}_{20}\mu^{(2)}_{12} + 18\mu^{(1)}_{20}\mu^{(1)}_{35}\mu^{(2)}_{21}\mu^{(2)}_{12} - 3\mu^{(1)}_{20}\mu^{(1)}_{30}\mu^{(2)}_{21}\mu^{(2)}_{17} \\
& -18\mu^{(1)}_{21}\mu^{(1)}_{35}\mu^{(2)}_{11}\mu^{(2)}_{21} + 3\mu^{(1)}_{20}\mu^{(1)}_{30}\mu^{(2)}_{12}\mu^{(2)}_{26} - 3\mu^{(1)}_{21}\mu^{(1)}_{35}\mu^{(2)}_{02}\mu^{(2)}_{30} \\
& -\mu^{(1)}_{20}\mu^{(1)}_{30}\mu^{(2)}_{03}\mu^{(2)}_{35} - 6\mu^{(1)}_{20}\mu^{(1)}_{26}\mu^{(2)}_{30}\mu^{(2)}_{12} - 3\mu^{(1)}_{20}\mu^{(1)}_{21}\mu^{(2)}_{30}\mu^{(2)}_{17} \\
& +9\mu^{(1)}_{21}\mu^{(1)}_{26}\mu^{(2)}_{20}\mu^{(2)}_{21} - 9(\mu^{(1)}_{21})^2\mu^{(2)}_{20}\mu^{(2)}_{26} - 9\mu^{(1)}_{20}\mu^{(1)}_{26}(\mu^{(2)}_{21})^2 \\
& +9\mu^{(1)}_{20}\mu^{(1)}_{21}\mu^{(2)}_{21}\mu^{(2)}_{26} + 6\mu^{(1)}_{21}\mu^{(1)}_{26}\mu^{(2)}_{11}\mu^{(2)}_{30} + 18(\mu^{(1)}_{21})^2\mu^{(2)}_{11}\mu^{(2)}_{35} \\
& -9\mu^{(1)}_{20}\mu^{(1)}_{21}\mu^{(2)}_{12}\mu^{(2)}_{35} - 9(\mu^{(1)}_{21})^2\mu^{(2)}_{02}\mu^{(2)}_{44} + 3\mu^{(1)}_{20}\mu^{(1)}_{21}\mu^{(2)}_{03}\mu^{(2)}_{44} \\
& +6\mu^{(1)}_{20}\mu^{(1)}_{17}\mu^{(2)}_{30}\mu^{(2)}_{21} + 3\mu^{(1)}_{20}\mu^{(1)}_{12}\mu^{(2)}_{30}\mu^{(2)}_{26} - 3\mu^{(1)}_{21}\mu^{(1)}_{17}\mu^{(2)}_{20}\mu^{(2)}_{30} \\
& +18\mu^{(1)}_{21}\mu^{(1)}_{12}\mu^{(2)}_{20}\mu^{(2)}_{35} - 9\mu^{(1)}_{20}\mu^{(1)}_{12}\mu^{(2)}_{21}\mu^{(2)}_{35} - 36\mu^{(1)}_{21}\mu^{(1)}_{12}\mu^{(2)}_{11}\mu^{(2)}_{44} \\
& +9\mu^{(1)}_{20}\mu^{(1)}_{12}\mu^{(2)}_{12}\mu^{(2)}_{44} + 18\mu^{(1)}_{21}\mu^{(1)}_{12}\mu^{(2)}_{02}\mu^{(2)}_{53} - 3\mu^{(1)}_{20}\mu^{(1)}_{12}\mu^{(2)}_{03}\mu^{(2)}_{53} \\
& -\mu^{(1)}_{20}\mu^{(1)}_{08}(\mu^{(2)}_{30})^2 - \mu^{(1)}_{20}\mu^{(1)}_{03}\mu^{(2)}_{30}\mu^{(2)}_{35} - 6\mu^{(1)}_{21}\mu^{(1)}_{03}\mu^{(2)}_{20}\mu^{(2)}_{44} \\
& +3\mu^{(1)}_{20}\mu^{(1)}_{03}\mu^{(2)}_{21}\mu^{(2)}_{44} + 12\mu^{(1)}_{21}\mu^{(1)}_{03}\mu^{(2)}_{11}\mu^{(2)}_{53} - 3\mu^{(1)}_{20}\mu^{(1)}_{03}\mu^{(2)}_{12}\mu^{(2)}_{53} \\
& -6\mu^{(1)}_{21}\mu^{(1)}_{03}\mu^{(2)}_{02}\mu^{(2)}_{62} + \mu^{(1)}_{20}\mu^{(1)}_{03}\mu^{(2)}_{03}\mu^{(2)}_{62} - 3\mu^{(1)}_{12}\mu^{(1)}_{71}\mu^{(2)}_{02}\mu^{(2)}_{03} \\
& +2\mu^{(1)}_{11}\mu^{(1)}_{71}(\mu^{(2)}_{03})^2 + 6\mu^{(1)}_{12}\mu^{(1)}_{62}\mu^{(2)}_{11}\mu^{(2)}_{03} - 12\mu^{(1)}_{11}\mu^{(1)}_{62}\mu^{(2)}_{12}\mu^{(2)}_{03} \\
& +9\mu^{(1)}_{12}\mu^{(1)}_{62}\mu^{(2)}_{02}\mu^{(2)}_{12} - 3\mu^{(1)}_{12}\mu^{(1)}_{53}\mu^{(2)}_{20}\mu^{(2)}_{03} + 12\mu^{(1)}_{11}\mu^{(1)}_{53}\mu^{(2)}_{21}\mu^{(2)}_{03} \\
& -18\mu^{(1)}_{12}\mu^{(1)}_{53}\mu^{(2)}_{11}\mu^{(2)}_{12} + 18\mu^{(1)}_{11}\mu^{(1)}_{53}(\mu^{(2)}_{12})^2 - 9\mu^{(1)}_{12}\mu^{(1)}_{53}\mu^{(2)}_{02}\mu^{(2)}_{21} \\
& -4\mu^{(1)}_{11}\mu^{(1)}_{44}\mu^{(2)}_{30}\mu^{(2)}_{03} + 9\mu^{(1)}_{12}\mu^{(1)}_{44}\mu^{(2)}_{20}\mu^{(2)}_{12} - 36\mu^{(1)}_{11}\mu^{(1)}_{44}\mu^{(2)}_{21}\mu^{(2)}_{12} \\
& +18\mu^{(1)}_{12}\mu^{(1)}_{44}\mu^{(2)}_{11}\mu^{(2)}_{21} + 3\mu^{(1)}_{12}\mu^{(1)}_{44}\mu^{(2)}_{02}\mu^{(2)}_{30} + 12\mu^{(1)}_{11}\mu^{(1)}_{35}\mu^{(2)}_{30}\mu^{(2)}_{12} \\
& -2\mu^{(1)}_{11}\mu^{(1)}_{30}\mu^{(2)}_{30}\mu^{(2)}_{17} - 9\mu^{(1)}_{12}\mu^{(1)}_{35}\mu^{(2)}_{20}\mu^{(2)}_{21} + 18\mu^{(1)}_{11}\mu^{(1)}_{35}(\mu^{(2)}_{21})^2 \\
& +6\mu^{(1)}_{11}\mu^{(1)}_{30}\mu^{(2)}_{21}\mu^{(2)}_{26} - 6\mu^{(1)}_{12}\mu^{(1)}_{35}\mu^{(2)}_{11}\mu^{(2)}_{30} - 6\mu^{(1)}_{11}\mu^{(1)}_{30}\mu^{(2)}_{12}\mu^{(2)}_{35} \\
& +2\mu^{(1)}_{11}\mu^{(1)}_{30}\mu^{(2)}_{03}\mu^{(2)}_{44} - 12\mu^{(1)}_{11}\mu^{(1)}_{26}\mu^{(2)}_{30}\mu^{(2)}_{21} + 6\mu^{(1)}_{11}\mu^{(1)}_{21}\mu^{(2)}_{30}\mu^{(2)}_{26} \\
& +3\mu^{(1)}_{12}\mu^{(1)}_{26}\mu^{(2)}_{20}\mu^{(2)}_{30} - 18\mu^{(1)}_{11}\mu^{(1)}_{21}\mu^{(2)}_{21}\mu^{(2)}_{35} + 18\mu^{(1)}_{11}\mu^{(1)}_{21}\mu^{(2)}_{12}\mu^{(2)}_{44} \\
& -6\mu^{(1)}_{11}\mu^{(1)}_{21}\mu^{(2)}_{03}\mu^{(2)}_{53} + 2\mu^{(1)}_{11}\mu^{(1)}_{17}(\mu^{(2)}_{30})^2 - 6\mu^{(1)}_{11}\mu^{(1)}_{12}\mu^{(2)}_{30}\mu^{(2)}_{35} \\
& -9(\mu^{(1)}_{12})^2\mu^{(2)}_{20}\mu^{(2)}_{44} + 18\mu^{(1)}_{11}\mu^{(1)}_{12}\mu^{(2)}_{21}\mu^{(2)}_{44} + 18(\mu^{(1)}_{12})^2\mu^{(2)}_{11}\mu^{(2)}_{53} \\
& -18\mu^{(1)}_{11}\mu^{(1)}_{12}\mu^{(2)}_{12}\mu^{(2)}_{53} - 9(\mu^{(1)}_{12})^2\mu^{(2)}_{02}\mu^{(2)}_{62} + 6\mu^{(1)}_{11}\mu^{(1)}_{12}\mu^{(2)}_{03}\mu^{(2)}_{62} \\
& +2\mu^{(1)}_{11}\mu^{(1)}_{03}\mu^{(2)}_{30}\mu^{(2)}_{44} + 6\mu^{(1)}_{12}\mu^{(1)}_{03}\mu^{(2)}_{20}\mu^{(2)}_{53} - 6\mu^{(1)}_{11}\mu^{(1)}_{03}\mu^{(2)}_{21}\mu^{(2)}_{53} \\
& -12\mu^{(1)}_{12}\mu^{(1)}_{03}\mu^{(2)}_{11}\mu^{(2)}_{62} + 6\mu^{(1)}_{11}\mu^{(1)}_{03}\mu^{(2)}_{12}\mu^{(2)}_{62} + 6\mu^{(1)}_{12}\mu^{(1)}_{03}\mu^{(2)}_{02}\mu^{(2)}_{71} \\
& -2\mu^{(1)}_{11}\mu^{(1)}_{03}\mu^{(2)}_{03}\mu^{(2)}_{71} + \mu^{(1)}_{03}\mu^{(1)}_{80}\mu^{(2)}_{02}\mu^{(2)}_{03} - \mu^{(1)}_{02}\mu^{(1)}_{80}(\mu^{(2)}_{03})^2
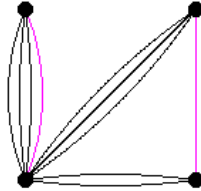\end{aligned}
$$

$$-2\mu_{03}^{(1)}\mu_{71}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} + 6\mu_{02}^{(1)}\mu_{71}^{(1)}\mu_{12}^{(2)}\mu_{03}^{(2)} - 3\mu_{03}^{(1)}\mu_{71}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)}$$
$$+\mu_{03}^{(1)}\mu_{62}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} - 6\mu_{02}^{(1)}\mu_{62}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} + 6\mu_{03}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)}$$
$$-9\mu_{02}^{(1)}\mu_{62}^{(1)}(\mu_{12}^{(2)})^2 + 3\mu_{03}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} + 2\mu_{02}^{(1)}\mu_{53}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)}$$
$$-3\mu_{03}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} + 18\mu_{02}^{(1)}\mu_{53}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} - 6\mu_{03}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)}$$
$$-\mu_{03}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} - 6\mu_{02}^{(1)}\mu_{44}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} + 3\mu_{03}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)}$$
$$-9\mu_{02}^{(1)}\mu_{44}^{(1)}(\mu_{21}^{(2)})^2 + 2\mu_{03}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} + 6\mu_{02}^{(1)}\mu_{35}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{30}^{(2)}\mu_{26}^{(2)} - \mu_{03}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)} - 3\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{21}^{(2)}\mu_{35}^{(2)}$$
$$+3\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{12}^{(2)}\mu_{44}^{(2)} - \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{03}^{(2)}\mu_{53}^{(2)} - \mu_{02}^{(1)}\mu_{26}^{(1)}(\mu_{30}^{(2)})^2$$
$$-3\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{30}^{(2)}\mu_{35}^{(2)} + 9\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{21}^{(2)}\mu_{44}^{(2)} - 9\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{12}^{(2)}\mu_{53}^{(2)}$$
$$+3\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{03}^{(2)}\mu_{62}^{(2)} + 3\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{30}^{(2)}\mu_{44}^{(2)} - 9\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{21}^{(2)}\mu_{53}^{(2)}$$
$$+9\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{12}^{(2)}\mu_{62}^{(2)} - 3\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{03}^{(2)}\mu_{71}^{(2)} - \mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{30}^{(2)}\mu_{53}^{(2)}$$
$$-(\mu_{03}^{(1)})^2\mu_{20}^{(2)}\mu_{62}^{(2)} + 3\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{21}^{(2)}\mu_{62}^{(2)} + 2(\mu_{03}^{(1)})^2\mu_{11}^{(2)}\mu_{71}^{(2)}$$
$$-3\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{12}^{(2)}\mu_{71}^{(2)} - (\mu_{03}^{(1)})^2\mu_{02}^{(2)}\mu_{80}^{(2)} + \mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{03}^{(2)}\mu_{80}^{(2)}$$

weight=8

structure: 1,2,0,0,0,0,1

Generating graph:

$$
\begin{array}{cccccccc@{\qquad}cc}
1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 3 \\
2 & 2 & 2 & 3 & 3 & 3 & 4 & 4 & 2 & 4
\end{array}
$$

$$
\begin{aligned}
V_{63} \;=\; & -\mu_{20}^{(1)}\mu_{71}^{(1)}\mu_{02}^{(2)}\mu_{06}^{(2)} + \mu_{20}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{06}^{(2)} - \mu_{20}^{(1)}\mu_{60}^{(1)}\mu_{11}^{(2)}\mu_{08}^{(2)} \\
& +6\mu_{20}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{15}^{(2)} + \mu_{20}^{(1)}\mu_{60}^{(1)}\mu_{02}^{(2)}\mu_{17}^{(2)} - 6\mu_{20}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{15}^{(2)} \\
& +6\mu_{20}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{17}^{(2)} - 15\mu_{20}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{24}^{(2)} - 6\mu_{20}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{26}^{(2)} \\
& +15\mu_{20}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{24}^{(2)} - 15\mu_{20}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{26}^{(2)} + 20\mu_{20}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{33}^{(2)} \\
& +15\mu_{20}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{35}^{(2)} - 20\mu_{20}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{33}^{(2)} + 20\mu_{20}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{35}^{(2)} \\
& -15\mu_{20}^{(1)}\mu_{35}^{(1)}\mu_{02}^{(2)}\mu_{42}^{(2)} - 20\mu_{20}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{44}^{(2)} + 15\mu_{20}^{(1)}\mu_{26}^{(1)}\mu_{11}^{(2)}\mu_{42}^{(2)} \\
& -15\mu_{20}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{44}^{(2)} + 6\mu_{20}^{(1)}\mu_{26}^{(1)}\mu_{02}^{(2)}\mu_{51}^{(2)} + 15\mu_{20}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{53}^{(2)} \\
& -6\mu_{20}^{(1)}\mu_{17}^{(1)}\mu_{11}^{(2)}\mu_{51}^{(2)} + 6\mu_{20}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{53}^{(2)} - \mu_{20}^{(1)}\mu_{17}^{(1)}\mu_{02}^{(2)}\mu_{60}^{(2)} \\
& -6\mu_{20}^{(1)}\mu_{15}^{(1)}\mu_{02}^{(2)}\mu_{62}^{(2)} + \mu_{20}^{(1)}\mu_{08}^{(1)}\mu_{11}^{(2)}\mu_{60}^{(2)} - \mu_{20}^{(1)}\mu_{06}^{(1)}\mu_{11}^{(2)}\mu_{62}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{06}^{(1)}\mu_{02}^{(2)}\mu_{71}^{(2)} + \mu_{11}^{(1)}\mu_{80}^{(1)}\mu_{02}^{(2)}\mu_{06}^{(2)} - 6\mu_{11}^{(1)}\mu_{71}^{(1)}\mu_{02}^{(2)}\mu_{15}^{(2)} \\
& -\mu_{11}^{(1)}\mu_{62}^{(1)}\mu_{20}^{(2)}\mu_{06}^{(2)} + \mu_{11}^{(1)}\mu_{60}^{(1)}\mu_{20}^{(2)}\mu_{08}^{(2)} + 15\mu_{11}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{24}^{(2)} \\
& -\mu_{11}^{(1)}\mu_{60}^{(1)}\mu_{02}^{(2)}\mu_{26}^{(2)} + 6\mu_{11}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{15}^{(2)} - 6\mu_{11}^{(1)}\mu_{51}^{(1)}\mu_{20}^{(2)}\mu_{17}^{(2)} \\
& -20\mu_{11}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{33}^{(2)} + 6\mu_{11}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{35}^{(2)} - 15\mu_{11}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{24}^{(2)} \\
& +15\mu_{11}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{26}^{(2)} + 15\mu_{11}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{42}^{(2)} - 15\mu_{11}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{44}^{(2)} \\
& +20\mu_{11}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{33}^{(2)} - 20\mu_{11}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{35}^{(2)} - 6\mu_{11}^{(1)}\mu_{35}^{(1)}\mu_{02}^{(2)}\mu_{51}^{(2)} \\
& +20\mu_{11}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{53}^{(2)} - 15\mu_{11}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{42}^{(2)} + 15\mu_{11}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{44}^{(2)} \\
& +\mu_{11}^{(1)}\mu_{26}^{(1)}\mu_{02}^{(2)}\mu_{60}^{(2)} - 15\mu_{11}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{62}^{(2)} + 6\mu_{11}^{(1)}\mu_{17}^{(1)}\mu_{20}^{(2)}\mu_{51}^{(2)} \\
& -6\mu_{11}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{53}^{(2)} + 6\mu_{11}^{(1)}\mu_{15}^{(1)}\mu_{02}^{(2)}\mu_{71}^{(2)} - \mu_{11}^{(1)}\mu_{08}^{(1)}\mu_{20}^{(2)}\mu_{60}^{(2)} \\
& +\mu_{11}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{62}^{(2)} - \mu_{11}^{(1)}\mu_{06}^{(1)}\mu_{02}^{(2)}\mu_{80}^{(2)} - \mu_{02}^{(1)}\mu_{80}^{(1)}\mu_{11}^{(2)}\mu_{06}^{(2)} \\
& +\mu_{02}^{(1)}\mu_{71}^{(1)}\mu_{20}^{(2)}\mu_{06}^{(2)} + 6\mu_{02}^{(1)}\mu_{71}^{(1)}\mu_{11}^{(2)}\mu_{15}^{(2)} - 6\mu_{02}^{(1)}\mu_{62}^{(1)}\mu_{20}^{(2)}\mu_{15}^{(2)} \\
& -\mu_{02}^{(1)}\mu_{60}^{(1)}\mu_{20}^{(2)}\mu_{17}^{(2)} - 15\mu_{02}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{24}^{(2)} + \mu_{02}^{(1)}\mu_{60}^{(1)}\mu_{11}^{(2)}\mu_{26}^{(2)} \\
& +15\mu_{02}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{24}^{(2)} + 6\mu_{02}^{(1)}\mu_{51}^{(1)}\mu_{20}^{(2)}\mu_{26}^{(2)} + 20\mu_{02}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{33}^{(2)} \\
& -6\mu_{02}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{35}^{(2)} - 20\mu_{02}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{33}^{(2)} - 15\mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{35}^{(2)} \\
& -15\mu_{02}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{42}^{(2)} + 15\mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{44}^{(2)} + 15\mu_{02}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{42}^{(2)} \\
& +20\mu_{02}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{44}^{(2)} + 6\mu_{02}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{51}^{(2)} - 20\mu_{02}^{(1)}\mu_{33}^{(1)}\mu_{11}^{(2)}\mu_{53}^{(2)} \\
& -6\mu_{02}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{51}^{(2)} - 15\mu_{02}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{53}^{(2)} - \mu_{02}^{(1)}\mu_{26}^{(1)}\mu_{11}^{(2)}\mu_{60}^{(2)} \\
& +15\mu_{02}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{62}^{(2)} + \mu_{02}^{(1)}\mu_{17}^{(1)}\mu_{20}^{(2)}\mu_{60}^{(2)} + 6\mu_{02}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{62}^{(2)} \\
& -6\mu_{02}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{71}^{(2)} - \mu_{02}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{71}^{(2)} + \mu_{02}^{(1)}\mu_{06}^{(1)}\mu_{11}^{(2)}\mu_{80}^{(2)}
\end{aligned}
$$

weight=9

structure: 2,0,0,0,1,0,1

Generating graph:

$$
\begin{array}{ccccccccc@{\qquad}cc}
1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 & 1 & 3 \\
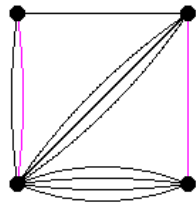2 & 2 & 2 & 2 & 2 & 3 & 3 & 4 & 4 & 2 & 4
\end{array}
$$
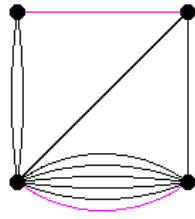
$$
\begin{aligned}
V_{64} \;=\; & -\mu_{40}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} + 2\mu_{40}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} + 3\mu_{40}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} \\
& -\mu_{40}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} - 6\mu_{40}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} - 3\mu_{40}^{(1)}\mu_{35}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} \\
& +3\mu_{40}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} + 6\mu_{40}^{(1)}\mu_{26}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} + \mu_{40}^{(1)}\mu_{26}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} \\
& -3\mu_{40}^{(1)}\mu_{17}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} - 2\mu_{40}^{(1)}\mu_{17}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} + \mu_{40}^{(1)}\mu_{08}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} \\
& +3\mu_{31}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} - 6\mu_{31}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} - 8\mu_{31}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} \\
& +3\mu_{31}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} + 16\mu_{31}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} + 6\mu_{31}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} \\
& -8\mu_{31}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} - 12\mu_{31}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} + 6\mu_{31}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} \\
& -\mu_{31}^{(1)}\mu_{26}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} + 2\mu_{31}^{(1)}\mu_{17}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} - \mu_{31}^{(1)}\mu_{08}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)} \\
& -3\mu_{22}^{(1)}\mu_{71}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} + 6\mu_{22}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} + 6\mu_{22}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} \\
& -3\mu_{22}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} - 12\mu_{22}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} - \mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{31}^{(2)}\mu_{08}^{(2)} \\
& +6\mu_{22}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} + 3\mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{22}^{(2)}\mu_{17}^{(2)} - 3\mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{13}^{(2)}\mu_{26}^{(2)} \\
& -6\mu_{22}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} + \mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{04}^{(2)}\mu_{35}^{(2)} + \mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{40}^{(2)}\mu_{08}^{(2)} \\
& -6\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{22}^{(2)}\mu_{26}^{(2)} + 12\mu_{22}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} + 8\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{13}^{(2)}\mu_{35}^{(2)} \\
& +3\mu_{22}^{(1)}\mu_{35}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} - 3\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{04}^{(2)}\mu_{44}^{(2)} - 3\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{40}^{(2)}\mu_{17}^{(2)} \\
& +6\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{31}^{(2)}\mu_{26}^{(2)} - 6\mu_{22}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} - 6\mu_{22}^{(1)}\mu_{26}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} \\
& -6\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{13}^{(2)}\mu_{44}^{(2)} + 3\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{04}^{(2)}\mu_{53}^{(2)} + 3\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{40}^{(2)}\mu_{26}^{(2)} \\
& -8\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{31}^{(2)}\mu_{35}^{(2)} + 3\mu_{22}^{(1)}\mu_{17}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)} + 6\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{22}^{(2)}\mu_{44}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{04}^{(2)}\mu_{62}^{(2)} - \mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{40}^{(2)}\mu_{35}^{(2)} + 3\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{31}^{(2)}\mu_{44}^{(2)} \\
& -3\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{22}^{(2)}\mu_{53}^{(2)} + \mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{13}^{(2)}\mu_{62}^{(2)} + \mu_{13}^{(1)}\mu_{80}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} \\
& -2\mu_{13}^{(1)}\mu_{71}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} + \mu_{13}^{(1)}\mu_{62}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} - 6\mu_{13}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} \\
& +12\mu_{13}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} + 8\mu_{13}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} + 2\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{31}^{(2)}\mu_{17}^{(2)} \\
& -6\mu_{13}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} - 6\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{22}^{(2)}\mu_{26}^{(2)} - 16\mu_{13}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} \\
& +6\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{13}^{(2)}\mu_{35}^{(2)} - 3\mu_{13}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} - 2\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{04}^{(2)}\mu_{44}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{40}^{(2)}\mu_{17}^{(2)} + 8\mu_{13}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} + 12\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{22}^{(2)}\mu_{35}^{(2)} \\
& +6\mu_{13}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} - 16\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{13}^{(2)}\mu_{44}^{(2)} + 6\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{04}^{(2)}\mu_{53}^{(2)} \\
& +6\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{40}^{(2)}\mu_{26}^{(2)} - 12\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{31}^{(2)}\mu_{35}^{(2)} - 3\mu_{13}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)} \\
& +12\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{13}^{(2)}\mu_{53}^{(2)} - 6\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{04}^{(2)}\mu_{62}^{(2)} - 6\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{40}^{(2)}\mu_{35}^{(2)} \\
& +16\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{31}^{(2)}\mu_{44}^{(2)} - 12\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{22}^{(2)}\mu_{53}^{(2)} + 2\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{04}^{(2)}\mu_{71}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{40}^{(2)}\mu_{44}^{(2)} - 6\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{31}^{(2)}\mu_{53}^{(2)} + 6\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{22}^{(2)}\mu_{62}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{13}^{(2)}\mu_{71}^{(2)} - \mu_{04}^{(1)}\mu_{80}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} + 2\mu_{04}^{(1)}\mu_{71}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} \\
& +3\mu_{04}^{(1)}\mu_{71}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} - \mu_{04}^{(1)}\mu_{62}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} - 6\mu_{04}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} \\
& -3\mu_{04}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} + 3\mu_{04}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} + 6\mu_{04}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} \\
& +\mu_{04}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} - \mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{31}^{(2)}\mu_{26}^{(2)} - 3\mu_{04}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} \\
& +3\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{22}^{(2)}\mu_{35}^{(2)} - 2\mu_{04}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} - 3\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{13}^{(2)}\mu_{44}^{(2)} \\
& +\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{04}^{(2)}\mu_{53}^{(2)} + \mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{40}^{(2)}\mu_{26}^{(2)} + \mu_{04}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)} \\
& -6\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{22}^{(2)}\mu_{44}^{(2)} + 8\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{13}^{(2)}\mu_{53}^{(2)} - 3\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{04}^{(2)}\mu_{62}^{(2)} \\
& -3\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{40}^{(2)}\mu_{35}^{(2)} + 6\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{31}^{(2)}\mu_{44}^{(2)} - 6\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{13}^{(2)}\mu_{62}^{(2)} \\
& +3\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{04}^{(2)}\mu_{71}^{(2)} + 3\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{40}^{(2)}\mu_{44}^{(2)} - 8\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{31}^{(2)}\mu_{53}^{(2)} \\
& +6\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{22}^{(2)}\mu_{62}^{(2)} - \mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{04}^{(2)}\mu_{80}^{(2)} - \mu_{02}^{(1)}\mu_{04}^{(1)}\mu_{40}^{(2)}\mu_{53}^{(2)} \\
& +3\mu_{02}^{(1)}\mu_{04}^{(1)}\mu_{31}^{(2)}\mu_{62}^{(2)} - 3\mu_{02}^{(1)}\mu_{04}^{(1)}\mu_{22}^{(2)}\mu_{71}^{(2)} + \mu_{02}^{(1)}\mu_{04}^{(1)}\mu_{13}^{(2)}\mu_{80}^{(2)}
\end{aligned}
$$

weight=9
structure: 1,0,2,0,0,0,1
Generating graph:

$$\begin{array}{ccccccccc} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 \\ 2 & 2 & 2 & 3 & 3 & 3 & 3 & 4 & 4 \end{array} \qquad \begin{array}{cc} 1 & 2 \\ 4 & 3 \end{array}$$

$$
\begin{aligned}
V_{65} \;=\; & \mu_{30}^{(1)}\mu_{62}^{(1)}\mu_{03}^{(2)}\mu_{04}^{(2)} - 2\mu_{30}^{(1)}\mu_{53}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)} - 4\mu_{30}^{(1)}\mu_{53}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} \\
& +\mu_{30}^{(1)}\mu_{44}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} - \mu_{30}^{(1)}\mu_{40}^{(1)}\mu_{21}^{(2)}\mu_{08}^{(2)} + 8\mu_{30}^{(1)}\mu_{44}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} \\
& +2\mu_{30}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{17}^{(2)} + 6\mu_{30}^{(1)}\mu_{44}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} - \mu_{30}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{26}^{(2)} \\
& -4\mu_{30}^{(1)}\mu_{35}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} + 4\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{17}^{(2)} - 12\mu_{30}^{(1)}\mu_{35}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} \\
& -8\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{12}^{(2)}\mu_{26}^{(2)} - 4\mu_{30}^{(1)}\mu_{35}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} + 4\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{35}^{(2)} \\
& +6\mu_{30}^{(1)}\mu_{26}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} - 6\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{26}^{(2)} + 8\mu_{30}^{(1)}\mu_{26}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} \\
& +12\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{35}^{(2)} + \mu_{30}^{(1)}\mu_{26}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} - 6\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{44}^{(2)} \\
& -4\mu_{30}^{(1)}\mu_{17}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} + 4\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{21}^{(2)}\mu_{35}^{(2)} - 2\mu_{30}^{(1)}\mu_{17}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} \\
& -8\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{44}^{(2)} + 4\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{03}^{(2)}\mu_{53}^{(2)} + \mu_{30}^{(1)}\mu_{08}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)} \\
& -\mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{44}^{(2)} + 2\mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{12}^{(2)}\mu_{53}^{(2)} - \mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{03}^{(2)}\mu_{62}^{(2)} \\
& -2\mu_{21}^{(1)}\mu_{71}^{(1)}\mu_{03}^{(2)}\mu_{04}^{(2)} + 3\mu_{21}^{(1)}\mu_{62}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)} + 8\mu_{21}^{(1)}\mu_{62}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} \\
& -12\mu_{21}^{(1)}\mu_{53}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} - 12\mu_{21}^{(1)}\mu_{53}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} - \mu_{21}^{(1)}\mu_{44}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} \\
& +\mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{30}^{(2)}\mu_{08}^{(2)} + 18\mu_{21}^{(1)}\mu_{44}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} - 3\mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{26}^{(2)} \\
& +8\mu_{21}^{(1)}\mu_{44}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} + 2\mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{35}^{(2)} + 4\mu_{21}^{(1)}\mu_{35}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} \\
& -4\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{30}^{(2)}\mu_{17}^{(2)} - 12\mu_{21}^{(1)}\mu_{35}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} + 12\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{12}^{(2)}\mu_{35}^{(2)} \\
& -2\mu_{21}^{(1)}\mu_{35}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} - 8\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{44}^{(2)} - 6\mu_{21}^{(1)}\mu_{26}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} \\
& +6\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{26}^{(2)} + 3\mu_{21}^{(1)}\mu_{26}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} - 18\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{44}^{(2)} \\
& +12\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{53}^{(2)} + 4\mu_{21}^{(1)}\mu_{17}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} - 4\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{35}^{(2)} \\
& +12\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{53}^{(2)} - 8\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{03}^{(2)}\mu_{62}^{(2)} - \mu_{21}^{(1)}\mu_{08}^{(1)}\mu_{30}^{(2)}\mu_{40}^{(2)} \\
& +\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{44}^{(2)} - 3\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{12}^{(2)}\mu_{62}^{(2)} + 2\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{03}^{(2)}\mu_{71}^{(2)} \\
& +\mu_{12}^{(1)}\mu_{80}^{(1)}\mu_{03}^{(2)}\mu_{04}^{(2)} - 4\mu_{12}^{(1)}\mu_{71}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} - 3\mu_{12}^{(1)}\mu_{62}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} \\
& +6\mu_{12}^{(1)}\mu_{62}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} + 2\mu_{12}^{(1)}\mu_{53}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} + 12\mu_{12}^{(1)}\mu_{53}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} \\
& -4\mu_{12}^{(1)}\mu_{53}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} - 8\mu_{12}^{(1)}\mu_{44}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} - 2\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{30}^{(2)}\mu_{17}^{(2)} \\
& -18\mu_{12}^{(1)}\mu_{44}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} + 3\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{21}^{(2)}\mu_{26}^{(2)} + \mu_{12}^{(1)}\mu_{44}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} \\
& -\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{44}^{(2)} + 12\mu_{12}^{(1)}\mu_{35}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} + 8\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{30}^{(2)}\mu_{26}^{(2)} \\
& +12\mu_{12}^{(1)}\mu_{35}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} - 12\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{35}^{(2)} + 4\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{53}^{(2)} \\
& -8\mu_{12}^{(1)}\mu_{26}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} - 12\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{35}^{(2)} - 3\mu_{12}^{(1)}\mu_{26}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)} \\
& +18\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{44}^{(2)} - 6\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{62}^{(2)} + 2\mu_{12}^{(1)}\mu_{17}^{(1)}\mu_{30}^{(2)}\mu_{40}^{(2)} \\
& +8\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{44}^{(2)} - 12\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{21}^{(2)}\mu_{53}^{(2)} + 4\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{03}^{(2)}\mu_{71}^{(2)} \\
& -2\mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{53}^{(2)} + 3\mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{62}^{(2)} - \mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{03}^{(2)}\mu_{80}^{(2)} \\
& -\mu_{03}^{(1)}\mu_{80}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)} + 2\mu_{03}^{(1)}\mu_{71}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} + 4\mu_{03}^{(1)}\mu_{71}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} \\
& -\mu_{03}^{(1)}\mu_{62}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} - 8\mu_{03}^{(1)}\mu_{62}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} - 6\mu_{03}^{(1)}\mu_{62}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} \\
& +4\mu_{03}^{(1)}\mu_{53}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} + 12\mu_{03}^{(1)}\mu_{53}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} + 4\mu_{03}^{(1)}\mu_{53}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} \\
& -6\mu_{03}^{(1)}\mu_{44}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} + \mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{30}^{(2)}\mu_{26}^{(2)} - 8\mu_{03}^{(1)}\mu_{44}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} \\
& -2\mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{21}^{(2)}\mu_{35}^{(2)} - \mu_{03}^{(1)}\mu_{44}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} + \mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{44}^{(2)} \\
& +4\mu_{03}^{(1)}\mu_{35}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} - 4\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{30}^{(2)}\mu_{35}^{(2)} + 2\mu_{03}^{(1)}\mu_{35}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)} \\
& +8\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{44}^{(2)} - 4\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{12}^{(2)}\mu_{53}^{(2)} - \mu_{03}^{(1)}\mu_{26}^{(1)}\mu_{30}^{(2)}\mu_{40}^{(2)} \\
& +6\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{44}^{(2)} - 12\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{53}^{(2)} + 6\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{62}^{(2)} \\
& -4\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{53}^{(2)} + 8\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{21}^{(2)}\mu_{62}^{(2)} - 4\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{71}^{(2)} \\
& +\mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{62}^{(2)} - 2\mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{71}^{(2)} + \mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{12}^{(2)}\mu_{80}^{(2)}
\end{aligned}
$$

weight=9
structure: 0,2,1,0,0,0,1
Generating graph:

$$\begin{array}{ccccccccccc} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 & & 1 & 3 \\ 2 & 2 & 2 & 3 & 3 & 3 & 4 & 4 & 4 & & 2 & 4 \end{array}$$
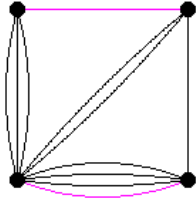
$$
\begin{aligned}
V_{66} = {}& -\mu_{60}^{(1)}\mu_{35}^{(1)}(\mu_{02}^{(2)})^2 + 3\mu_{60}^{(1)}\mu_{26}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} - \mu_{60}^{(1)}\mu_{17}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} \\
& -2\mu_{60}^{(1)}\mu_{17}^{(1)}(\mu_{11}^{(2)})^2 + \mu_{60}^{(1)}\mu_{08}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} + 5\mu_{51}^{(1)}\mu_{44}^{(1)}(\mu_{02}^{(2)})^2 \\
& -14\mu_{51}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} + 4\mu_{51}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} + 8\mu_{51}^{(1)}\mu_{26}^{(1)}(\mu_{11}^{(2)})^2 \\
& -2\mu_{51}^{(1)}\mu_{17}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} - \mu_{51}^{(1)}\mu_{08}^{(1)}(\mu_{20}^{(2)})^2 - 10\mu_{42}^{(1)}\mu_{53}^{(1)}(\mu_{02}^{(2)})^2 \\
& +25\mu_{42}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} - 5\mu_{42}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} - 10\mu_{42}^{(1)}\mu_{35}^{(1)}(\mu_{11}^{(2)})^2 \\
& -5\mu_{42}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} + 5\mu_{42}^{(1)}\mu_{17}^{(1)}(\mu_{20}^{(2)})^2 + 10\mu_{33}^{(1)}\mu_{62}^{(1)}(\mu_{02}^{(2)})^2 \\
& -20\mu_{33}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} + 20\mu_{33}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} - 10\mu_{33}^{(1)}\mu_{26}^{(1)}(\mu_{20}^{(2)})^2 \\
& -5\mu_{24}^{(1)}\mu_{71}^{(1)}(\mu_{02}^{(2)})^2 - \mu_{20}^{(1)}\mu_{71}^{(1)}\mu_{02}^{(2)}\mu_{06}^{(2)} + 5\mu_{24}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} \\
& +2\mu_{20}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{06}^{(2)} - \mu_{20}^{(1)}\mu_{60}^{(1)}\mu_{11}^{(2)}\mu_{08}^{(2)} + 5\mu_{20}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{15}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{60}^{(1)}\mu_{02}^{(2)}\mu_{17}^{(2)} + 5\mu_{24}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} - \mu_{20}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{06}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{51}^{(1)}\mu_{20}^{(2)}\mu_{08}^{(2)} + 10\mu_{24}^{(1)}\mu_{53}^{(1)}(\mu_{11}^{(2)})^2 - 10\mu_{20}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{15}^{(2)} \\
& +4\mu_{20}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{17}^{(2)} - 10\mu_{20}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{24}^{(2)} - 5\mu_{20}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{26}^{(2)} \\
& -25\mu_{24}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} + 5\mu_{20}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{15}^{(2)} - 5\mu_{20}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{17}^{(2)} \\
& +20\mu_{20}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{24}^{(2)} - 5\mu_{20}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{26}^{(2)} + 10\mu_{20}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{33}^{(2)} \\
& +10\mu_{20}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{35}^{(2)} + 10\mu_{24}^{(1)}\mu_{35}^{(1)}(\mu_{20}^{(2)})^2 - 10\mu_{20}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{24}^{(2)} \\
& +10\mu_{20}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{26}^{(2)} - 20\mu_{20}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{33}^{(2)} - 5\mu_{20}^{(1)}\mu_{35}^{(1)}\mu_{02}^{(2)}\mu_{42}^{(2)} \\
& -10\mu_{20}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{44}^{(2)} - (\mu_{20}^{(1)})^2\mu_{51}^{(2)}\mu_{08}^{(2)} + 5(\mu_{20}^{(1)})^2\mu_{42}^{(2)}\mu_{17}^{(2)} - 10(\mu_{20}^{(1)})^2\mu_{33}^{(2)}\mu_{26}^{(2)} \\
& +10\mu_{20}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{33}^{(2)} - 10\mu_{20}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{35}^{(2)} + 10(\mu_{20}^{(1)})^2\mu_{24}^{(2)}\mu_{35}^{(2)} \\
& +10\mu_{20}^{(1)}\mu_{26}^{(1)}\mu_{11}^{(2)}\mu_{42}^{(2)} + 5\mu_{20}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{44}^{(2)} - 5(\mu_{20}^{(1)})^2\mu_{15}^{(2)}\mu_{44}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{26}^{(1)}\mu_{02}^{(2)}\mu_{51}^{(2)} + 5\mu_{20}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{53}^{(2)} + (\mu_{20}^{(1)})^2\mu_{06}^{(2)}\mu_{53}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{60}^{(2)}\mu_{08}^{(2)} - 2\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{51}^{(2)}\mu_{17}^{(2)} - 5\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{42}^{(2)}\mu_{26}^{(2)} \\
& +20\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{33}^{(2)}\mu_{35}^{(2)} - 5\mu_{20}^{(1)}\mu_{17}^{(1)}\mu_{20}^{(2)}\mu_{42}^{(2)} + 5\mu_{20}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{44}^{(2)} \\
& -25\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{24}^{(2)}\mu_{44}^{(2)} - 2\mu_{20}^{(1)}\mu_{17}^{(1)}\mu_{11}^{(2)}\mu_{51}^{(2)} - 4\mu_{20}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{53}^{(2)} \\
& +14\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{15}^{(2)}\mu_{53}^{(2)} - \mu_{20}^{(1)}\mu_{15}^{(1)}\mu_{02}^{(2)}\mu_{62}^{(2)} - 3\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{06}^{(2)}\mu_{62}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{60}^{(2)}\mu_{17}^{(2)} + 4\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{51}^{(2)}\mu_{26}^{(2)} - 5\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{42}^{(2)}\mu_{35}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{08}^{(1)}\mu_{20}^{(2)}\mu_{51}^{(2)} - \mu_{20}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{53}^{(2)} + 5\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{24}^{(2)}\mu_{53}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{06}^{(1)}\mu_{11}^{(2)}\mu_{62}^{(2)} - 4\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{15}^{(2)}\mu_{62}^{(2)} + \mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{06}^{(2)}\mu_{71}^{(2)} \\
& +\mu_{15}^{(1)}\mu_{80}^{(1)}(\mu_{02}^{(2)})^2 + \mu_{11}^{(1)}\mu_{80}^{(1)}\mu_{02}^{(2)}\mu_{06}^{(2)} + 2\mu_{15}^{(1)}\mu_{71}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{71}^{(1)}\mu_{11}^{(2)}\mu_{06}^{(2)} - 4\mu_{11}^{(1)}\mu_{71}^{(1)}\mu_{02}^{(2)}\mu_{15}^{(2)} - 4\mu_{15}^{(1)}\mu_{62}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} \\
& +\mu_{11}^{(1)}\mu_{62}^{(1)}\mu_{20}^{(2)}\mu_{06}^{(2)} - 8\mu_{15}^{(1)}\mu_{62}^{(1)}(\mu_{11}^{(2)})^2 + 8\mu_{11}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{15}^{(2)} \\
& +2\mu_{11}^{(1)}\mu_{60}^{(1)}\mu_{11}^{(2)}\mu_{17}^{(2)} + 5\mu_{11}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{24}^{(2)} - 2\mu_{11}^{(1)}\mu_{60}^{(1)}\mu_{02}^{(2)}\mu_{26}^{(2)} \\
& +14\mu_{15}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} - 4\mu_{11}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{15}^{(2)} - 2\mu_{11}^{(1)}\mu_{51}^{(1)}\mu_{20}^{(2)}\mu_{17}^{(2)} \\
& -10\mu_{11}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{24}^{(2)} - 8\mu_{11}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{26}^{(2)} + 10\mu_{11}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{35}^{(2)} \\
& -5\mu_{15}^{(1)}\mu_{44}^{(1)}(\mu_{20}^{(2)})^2 + 5\mu_{11}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{24}^{(2)} + 10\mu_{11}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{26}^{(2)} \\
& +10\mu_{11}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{35}^{(2)} - 5\mu_{11}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{42}^{(2)} - 20\mu_{11}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{44}^{(2)} \\
& -20\mu_{11}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{35}^{(2)} + 10\mu_{11}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{42}^{(2)} + 4\mu_{11}^{(1)}\mu_{35}^{(1)}\mu_{02}^{(2)}\mu_{51}^{(2)} \\
& +20\mu_{11}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{53}^{(2)} - 5\mu_{11}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{42}^{(2)} + 20\mu_{11}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{44}^{(2)} \\
& -8\mu_{11}^{(1)}\mu_{26}^{(1)}\mu_{11}^{(2)}\mu_{51}^{(2)} - 10\mu_{11}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{53}^{(2)} - \mu_{11}^{(1)}\mu_{26}^{(1)}\mu_{02}^{(2)}\mu_{60}^{(2)} \\
& -10\mu_{11}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{62}^{(2)} - 2(\mu_{11}^{(1)})^2\mu_{60}^{(2)}\mu_{17}^{(2)} + 8(\mu_{11}^{(1)})^2\mu_{51}^{(2)}\mu_{26}^{(2)} - 10(\mu_{11}^{(1)})^2\mu_{42}^{(2)}\mu_{35}^{(2)}
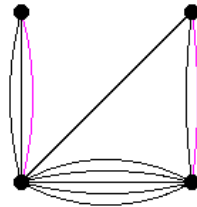\end{aligned}
$$

$$+4\mu_{11}^{(1)}\mu_{17}^{(1)}\mu_{20}^{(2)}\mu_{51}^{(2)} - 10\mu_{11}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{53}^{(2)} + 10(\mu_{11}^{(1)})^2\mu_{24}^{(2)}\mu_{53}^{(2)}$$
$$+2\mu_{11}^{(1)}\mu_{17}^{(1)}\mu_{11}^{(2)}\mu_{60}^{(2)} + 8\mu_{11}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{62}^{(2)} - 8(\mu_{11}^{(1)})^2\mu_{15}^{(2)}\mu_{62}^{(2)}$$
$$+2\mu_{11}^{(1)}\mu_{15}^{(1)}\mu_{02}^{(2)}\mu_{71}^{(2)} + 2(\mu_{11}^{(1)})^2\mu_{06}^{(2)}\mu_{71}^{(2)} + 3\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{60}^{(2)}\mu_{26}^{(2)}$$
$$-14\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{51}^{(2)}\mu_{35}^{(2)} + 25\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{42}^{(2)}\mu_{44}^{(2)} - 20\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{33}^{(2)}\mu_{53}^{(2)}$$
$$-\mu_{11}^{(1)}\mu_{08}^{(1)}\mu_{20}^{(2)}\mu_{60}^{(2)} + 2\mu_{11}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{62}^{(2)} + 5\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{24}^{(2)}\mu_{62}^{(2)}$$
$$-2\mu_{11}^{(1)}\mu_{06}^{(1)}\mu_{11}^{(2)}\mu_{71}^{(2)} + 2\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{15}^{(2)}\mu_{71}^{(2)} - \mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{06}^{(2)}\mu_{80}^{(2)}$$
$$-\mu_{06}^{(1)}\mu_{80}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} - \mu_{02}^{(1)}\mu_{80}^{(1)}\mu_{02}^{(2)}\mu_{15}^{(2)} + \mu_{06}^{(1)}\mu_{71}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)}$$
$$+2\mu_{06}^{(1)}\mu_{71}^{(1)}(\mu_{11}^{(2)})^2 + 2\mu_{02}^{(1)}\mu_{71}^{(1)}\mu_{11}^{(2)}\mu_{15}^{(2)} + 5\mu_{02}^{(1)}\mu_{71}^{(1)}\mu_{02}^{(2)}\mu_{24}^{(2)}$$
$$-3\mu_{06}^{(1)}\mu_{62}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} - \mu_{02}^{(1)}\mu_{62}^{(1)}\mu_{20}^{(2)}\mu_{15}^{(2)} - 10\mu_{02}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{24}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{60}^{(1)}\mu_{11}^{(2)}\mu_{26}^{(2)} - 10\mu_{02}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{33}^{(2)} + \mu_{02}^{(1)}\mu_{60}^{(1)}\mu_{02}^{(2)}\mu_{35}^{(2)}$$
$$+\mu_{06}^{(1)}\mu_{53}^{(1)}(\mu_{20}^{(2)})^2 + 5\mu_{02}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{24}^{(2)} + \mu_{02}^{(1)}\mu_{51}^{(1)}\mu_{20}^{(2)}\mu_{26}^{(2)}$$
$$+20\mu_{02}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{33}^{(2)} + 4\mu_{02}^{(1)}\mu_{51}^{(1)}\mu_{11}^{(2)}\mu_{35}^{(2)} + 10\mu_{02}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{42}^{(2)}$$
$$-5\mu_{02}^{(1)}\mu_{51}^{(1)}\mu_{02}^{(2)}\mu_{44}^{(2)} - 10\mu_{02}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{33}^{(2)} - 5\mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{20}^{(2)}\mu_{35}^{(2)}$$
$$-20\mu_{02}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{42}^{(2)} - 5\mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{11}^{(2)}\mu_{44}^{(2)} - 5\mu_{02}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{51}^{(2)}$$
$$+10\mu_{02}^{(1)}\mu_{42}^{(1)}\mu_{02}^{(2)}\mu_{53}^{(2)} + 10\mu_{02}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{42}^{(2)} + 10\mu_{02}^{(1)}\mu_{33}^{(1)}\mu_{20}^{(2)}\mu_{44}^{(2)}$$
$$+10\mu_{02}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{51}^{(2)} + \mu_{02}^{(1)}\mu_{35}^{(1)}\mu_{02}^{(2)}\mu_{60}^{(2)} - 10\mu_{02}^{(1)}\mu_{33}^{(1)}\mu_{02}^{(2)}\mu_{62}^{(2)}$$
$$-5\mu_{02}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{51}^{(2)} - 10\mu_{02}^{(1)}\mu_{24}^{(1)}\mu_{20}^{(2)}\mu_{53}^{(2)} - 2\mu_{02}^{(1)}\mu_{26}^{(1)}\mu_{11}^{(2)}\mu_{60}^{(2)}$$
$$+5\mu_{02}^{(1)}\mu_{24}^{(1)}\mu_{11}^{(2)}\mu_{62}^{(2)} + 5\mu_{02}^{(1)}\mu_{24}^{(1)}\mu_{02}^{(2)}\mu_{71}^{(2)} + \mu_{02}^{(1)}\mu_{17}^{(1)}\mu_{20}^{(2)}\mu_{60}^{(2)}$$
$$+5\mu_{02}^{(1)}\mu_{15}^{(1)}\mu_{20}^{(2)}\mu_{62}^{(2)} - 4\mu_{02}^{(1)}\mu_{15}^{(1)}\mu_{11}^{(2)}\mu_{71}^{(2)} - \mu_{02}^{(1)}\mu_{15}^{(1)}\mu_{02}^{(2)}\mu_{80}^{(2)}$$
$$-(\mu_{02}^{(1)})^2\mu_{60}^{(2)}\mu_{35}^{(2)} + 5(\mu_{02}^{(1)})^2\mu_{51}^{(2)}\mu_{44}^{(2)} - 10(\mu_{02}^{(1)})^2\mu_{42}^{(2)}\mu_{53}^{(2)} + 10(\mu_{02}^{(1)})^2\mu_{33}^{(2)}\mu_{62}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{06}^{(1)}\mu_{20}^{(2)}\mu_{71}^{(2)} - 5(\mu_{02}^{(1)})^2\mu_{24}^{(2)}\mu_{71}^{(2)} + \mu_{02}^{(1)}\mu_{06}^{(1)}\mu_{11}^{(2)}\mu_{80}^{(2)}$$
$$+(\mu_{02}^{(1)})^2\mu_{15}^{(2)}\mu_{80}^{(2)}$$

weight=9
structure: 2,0,0,0,1,0,1
Generating graph:

$$
\begin{array}{ccccccccc cc}
1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 & \quad 1 & 2 \\
2 & 2 & 2 & 2 & 2 & 3 & 3 & 4 & 4 & \quad 3 & 4
\end{array}
$$

$$
\begin{aligned}
V_{67} \;=\; & -\mu_{40}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} - (\mu_{40}^{(1)})^2\mu_{11}^{(2)}\mu_{08}^{(2)} + \mu_{40}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} \\
& +(\mu_{40}^{(1)})^2\mu_{02}^{(2)}\mu_{17}^{(2)} + \mu_{40}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} + \mu_{40}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{08}^{(2)} \\
& +2\mu_{40}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} + 6\mu_{40}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{17}^{(2)} - 3\mu_{40}^{(1)}\mu_{35}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} \\
& -7\mu_{40}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{26}^{(2)} - 3\mu_{40}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} - 3\mu_{40}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{17}^{(2)} \\
& -6\mu_{40}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{26}^{(2)} + 3\mu_{40}^{(1)}\mu_{26}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} + 9\mu_{40}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{35}^{(2)} \\
& +3\mu_{40}^{(1)}\mu_{17}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} + 3\mu_{40}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{26}^{(2)} - 2\mu_{40}^{(1)}\mu_{17}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} \\
& +2\mu_{40}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{35}^{(2)} - \mu_{40}^{(1)}\mu_{17}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} - 5\mu_{40}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{44}^{(2)} \\
& -\mu_{40}^{(1)}\mu_{08}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} - \mu_{40}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{35}^{(2)} + \mu_{40}^{(1)}\mu_{08}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} \\
& +\mu_{40}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{53}^{(2)} + 4\mu_{31}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} - 4\mu_{31}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} \\
& -4\mu_{31}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} - 8\mu_{31}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} + 12\mu_{31}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} \\
& +12\mu_{31}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} - 4(\mu_{31}^{(1)})^2\mu_{20}^{(2)}\mu_{17}^{(2)} - 8(\mu_{31}^{(1)})^2\mu_{11}^{(2)}\mu_{26}^{(2)} \\
& -12\mu_{31}^{(1)}\mu_{35}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} + 12(\mu_{31}^{(1)})^2\mu_{02}^{(2)}\mu_{35}^{(2)} - 12\mu_{31}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} \\
& +18\mu_{31}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{26}^{(2)} + 8\mu_{31}^{(1)}\mu_{26}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} + 12\mu_{31}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{35}^{(2)} \\
& +4\mu_{31}^{(1)}\mu_{26}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} - 30\mu_{31}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{44}^{(2)} + 4\mu_{31}^{(1)}\mu_{17}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} \\
& -16\mu_{31}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{35}^{(2)} - 4\mu_{31}^{(1)}\mu_{17}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} + 16\mu_{31}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{53}^{(2)} \\
& +5\mu_{31}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{44}^{(2)} - 2\mu_{31}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{53}^{(2)} - 3\mu_{31}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{62}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{71}^{(1)}(\mu_{04}^{(2)})^2 - 6\mu_{22}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} + 7\mu_{20}^{(1)}\mu_{62}^{(1)}\mu_{13}^{(2)}\mu_{04}^{(2)} \\
& +6\mu_{22}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} + 6\mu_{22}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} - 9\mu_{20}^{(1)}\mu_{53}^{(1)}\mu_{22}^{(2)}\mu_{04}^{(2)} \\
& +12\mu_{22}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} - 12\mu_{20}^{(1)}\mu_{53}^{(1)}(\mu_{13}^{(2)})^2 - 18\mu_{22}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} \\
& +5\mu_{20}^{(1)}\mu_{44}^{(1)}\mu_{31}^{(2)}\mu_{04}^{(2)} - 18\mu_{22}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} + 30\mu_{20}^{(1)}\mu_{44}^{(1)}\mu_{22}^{(2)}\mu_{13}^{(2)} \\
& +18\mu_{22}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} - \mu_{20}^{(1)}\mu_{35}^{(1)}\mu_{40}^{(2)}\mu_{04}^{(2)} - \mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{40}^{(2)}\mu_{08}^{(2)} \\
& -16\mu_{20}^{(1)}\mu_{35}^{(1)}\mu_{31}^{(2)}\mu_{13}^{(2)} + 4\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{31}^{(2)}\mu_{17}^{(2)} + 18\mu_{22}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} \\
& -18\mu_{20}^{(1)}\mu_{35}^{(1)}(\mu_{22}^{(2)})^2 - 6\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{22}^{(2)}\mu_{26}^{(2)} - 12\mu_{22}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} \\
& +4\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{13}^{(2)}\mu_{35}^{(2)} - 6\mu_{22}^{(1)}\mu_{35}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} - \mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{04}^{(2)}\mu_{44}^{(2)} \\
& +3\mu_{20}^{(1)}\mu_{26}^{(1)}\mu_{40}^{(2)}\mu_{13}^{(2)} + 3\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{40}^{(2)}\mu_{17}^{(2)} + 18\mu_{20}^{(1)}\mu_{26}^{(1)}\mu_{31}^{(2)}\mu_{22}^{(2)} \\
& -12\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{31}^{(2)}\mu_{26}^{(2)} - 6\mu_{22}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} - 18(\mu_{22}^{(1)})^2\mu_{20}^{(2)}\mu_{35}^{(2)} \\
& +18\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{22}^{(2)}\mu_{35}^{(2)} + 6\mu_{22}^{(1)}\mu_{26}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} - 12\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{13}^{(2)}\mu_{44}^{(2)} \\
& +18(\mu_{22}^{(1)})^2\mu_{02}^{(2)}\mu_{53}^{(2)} + 3\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{04}^{(2)}\mu_{53}^{(2)} - 3\mu_{20}^{(1)}\mu_{17}^{(1)}\mu_{40}^{(2)}\mu_{22}^{(2)} \\
& -3\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{40}^{(2)}\mu_{26}^{(2)} - 4\mu_{20}^{(1)}\mu_{17}^{(1)}(\mu_{31}^{(2)})^2 + 12\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{31}^{(2)}\mu_{35}^{(2)} \\
& +30\mu_{22}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{44}^{(2)} - 18\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{22}^{(2)}\mu_{44}^{(2)} - 12\mu_{22}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{53}^{(2)} \\
& +12\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{13}^{(2)}\mu_{53}^{(2)} - 18\mu_{22}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{62}^{(2)} - 3\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{04}^{(2)}\mu_{62}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{08}^{(1)}\mu_{40}^{(2)}\mu_{31}^{(2)} + \mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{40}^{(2)}\mu_{35}^{(2)} - 4\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{31}^{(2)}\mu_{44}^{(2)} \\
& -9\mu_{22}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{53}^{(2)} + 6\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{22}^{(2)}\mu_{53}^{(2)} + 6\mu_{22}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{62}^{(2)} \\
& -4\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{13}^{(2)}\mu_{62}^{(2)} + 3\mu_{22}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{71}^{(2)} + \mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{04}^{(2)}\mu_{71}^{(2)} \\
& +\mu_{11}^{(1)}\mu_{80}^{(1)}(\mu_{04}^{(2)})^2 + 4\mu_{13}^{(1)}\mu_{71}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} - 6\mu_{11}^{(1)}\mu_{71}^{(1)}\mu_{13}^{(2)}\mu_{04}^{(2)} \\
& -4\mu_{13}^{(1)}\mu_{71}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} - 4\mu_{13}^{(1)}\mu_{62}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} + 6\mu_{11}^{(1)}\mu_{62}^{(1)}\mu_{22}^{(2)}\mu_{04}^{(2)} \\
& -8\mu_{13}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} + 8\mu_{11}^{(1)}\mu_{62}^{(1)}(\mu_{13}^{(2)})^2 + 12\mu_{13}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{53}^{(1)}\mu_{31}^{(2)}\mu_{04}^{(2)} + 12\mu_{13}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} - 12\mu_{11}^{(1)}\mu_{53}^{(1)}\mu_{22}^{(2)}\mu_{13}^{(2)} \\
& -12\mu_{13}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} + \mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{40}^{(2)}\mu_{08}^{(2)} - 4\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{31}^{(2)}\mu_{17}^{(2)}
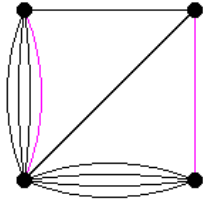\end{aligned}
$$

$$
\begin{aligned}
&-12\mu_{13}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} + 6\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{22}^{(2)}\mu_{26}^{(2)} + 8\mu_{13}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} \\
&-4\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{13}^{(2)}\mu_{35}^{(2)} + 4\mu_{13}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} + \mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{04}^{(2)}\mu_{44}^{(2)} \\
&+2\mu_{11}^{(1)}\mu_{35}^{(1)}\mu_{40}^{(2)}\mu_{13}^{(2)} - 2\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{40}^{(2)}\mu_{17}^{(2)} + 12\mu_{11}^{(1)}\mu_{35}^{(1)}\mu_{31}^{(2)}\mu_{22}^{(2)} \\
&+8\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{31}^{(2)}\mu_{26}^{(2)} + 4\mu_{13}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} - 12\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{22}^{(2)}\mu_{35}^{(2)} \\
&-4\mu_{13}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} + 8\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{13}^{(2)}\mu_{44}^{(2)} - 2\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{04}^{(2)}\mu_{53}^{(2)} \\
&-6\mu_{11}^{(1)}\mu_{26}^{(1)}\mu_{40}^{(2)}\mu_{22}^{(2)} - 8\mu_{11}^{(1)}\mu_{26}^{(1)}(\mu_{31}^{(2)})^2 + 6\mu_{11}^{(1)}\mu_{17}^{(1)}\mu_{40}^{(2)}\mu_{31}^{(2)} \\
&+2\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{40}^{(2)}\mu_{35}^{(2)} - 8\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{31}^{(2)}\mu_{44}^{(2)} - 12(\mu_{13}^{(1)})^2\mu_{20}^{(2)}\mu_{53}^{(2)} \\
&+12\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{22}^{(2)}\mu_{53}^{(2)} + 8(\mu_{13}^{(1)})^2\mu_{11}^{(2)}\mu_{62}^{(2)} - 8\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{13}^{(2)}\mu_{62}^{(2)} \\
&+4(\mu_{13}^{(1)})^2\mu_{02}^{(2)}\mu_{71}^{(2)} + 2\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{04}^{(2)}\mu_{71}^{(2)} - \mu_{11}^{(1)}\mu_{08}^{(1)}(\mu_{40}^{(2)})^2 \\
&-\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{40}^{(2)}\mu_{44}^{(2)} + 4\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{31}^{(2)}\mu_{53}^{(2)} + 7\mu_{13}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{62}^{(2)} \\
&-6\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{22}^{(2)}\mu_{62}^{(2)} - 6\mu_{13}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{71}^{(2)} + 4\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{13}^{(2)}\mu_{71}^{(2)} \\
&-\mu_{13}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{80}^{(2)} - \mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{04}^{(2)}\mu_{80}^{(2)} - \mu_{04}^{(1)}\mu_{80}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} \\
&-\mu_{02}^{(1)}\mu_{80}^{(1)}\mu_{13}^{(2)}\mu_{04}^{(2)} + \mu_{04}^{(1)}\mu_{80}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} + \mu_{04}^{(1)}\mu_{71}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} \\
&+3\mu_{02}^{(1)}\mu_{71}^{(1)}\mu_{22}^{(2)}\mu_{04}^{(2)} + 2\mu_{04}^{(1)}\mu_{71}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} + 4\mu_{02}^{(1)}\mu_{71}^{(1)}(\mu_{13}^{(2)})^2 \\
&-3\mu_{04}^{(1)}\mu_{71}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} - 3\mu_{02}^{(1)}\mu_{62}^{(1)}\mu_{31}^{(2)}\mu_{04}^{(2)} - 3\mu_{04}^{(1)}\mu_{62}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} \\
&-18\mu_{02}^{(1)}\mu_{62}^{(1)}\mu_{22}^{(2)}\mu_{13}^{(2)} + 3\mu_{04}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} + \mu_{02}^{(1)}\mu_{53}^{(1)}\mu_{40}^{(2)}\mu_{04}^{(2)} \\
&+16\mu_{02}^{(1)}\mu_{53}^{(1)}\mu_{31}^{(2)}\mu_{13}^{(2)} + 3\mu_{04}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} + 18\mu_{02}^{(1)}\mu_{53}^{(1)}(\mu_{22}^{(2)})^2 \\
&-2\mu_{04}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} - \mu_{04}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} - 5\mu_{02}^{(1)}\mu_{44}^{(1)}\mu_{40}^{(2)}\mu_{13}^{(2)} \\
&-\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{40}^{(2)}\mu_{17}^{(2)} - 30\mu_{02}^{(1)}\mu_{44}^{(1)}\mu_{31}^{(2)}\mu_{22}^{(2)} + 4\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{31}^{(2)}\mu_{26}^{(2)} \\
&-\mu_{04}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} - 6\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{22}^{(2)}\mu_{35}^{(2)} + \mu_{04}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} \\
&+4\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{13}^{(2)}\mu_{44}^{(2)} - \mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{04}^{(2)}\mu_{53}^{(2)} + 9\mu_{02}^{(1)}\mu_{35}^{(1)}\mu_{40}^{(2)}\mu_{22}^{(2)} \\
&+3\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{40}^{(2)}\mu_{26}^{(2)} + 12\mu_{02}^{(1)}\mu_{35}^{(1)}(\mu_{31}^{(2)})^2 - 12\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{31}^{(2)}\mu_{35}^{(2)} \\
&+18\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{22}^{(2)}\mu_{44}^{(2)} - 12\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{13}^{(2)}\mu_{53}^{(2)} + 3\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{04}^{(2)}\mu_{62}^{(2)} \\
&-7\mu_{02}^{(1)}\mu_{26}^{(1)}\mu_{40}^{(2)}\mu_{31}^{(2)} - 3\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{40}^{(2)}\mu_{35}^{(2)} + 12\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{31}^{(2)}\mu_{44}^{(2)} \\
&-18\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{22}^{(2)}\mu_{53}^{(2)} + 12\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{13}^{(2)}\mu_{62}^{(2)} - 3\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{04}^{(2)}\mu_{71}^{(2)} \\
&+\mu_{02}^{(1)}\mu_{17}^{(1)}(\mu_{40}^{(2)})^2 + \mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{40}^{(2)}\mu_{44}^{(2)} - 4\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{31}^{(2)}\mu_{53}^{(2)} \\
&+6\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{22}^{(2)}\mu_{62}^{(2)} - 4\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{13}^{(2)}\mu_{71}^{(2)} + \mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{04}^{(2)}\mu_{80}^{(2)} \\
&-(\mu_{04}^{(1)})^2\mu_{20}^{(2)}\mu_{71}^{(2)} + (\mu_{04}^{(1)})^2\mu_{11}^{(2)}\mu_{80}^{(2)}
\end{aligned}
$$

weight=9
structure: 1,0,2,0,0,0,1
Generating graph:

1	1	1	1	1	1	1	1	2		1	3
2	2	2	3	3	3	3	4	4		2	4

$$
\begin{aligned}
V_{68} =\ & -\mu_{40}^{(1)}\mu_{53}^{(1)}(\mu_{03}^{(2)})^2 + 5\mu_{40}^{(1)}\mu_{44}^{(1)}\mu_{12}^{(2)}\mu_{03}^{(2)} - 4\mu_{40}^{(1)}\mu_{35}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} \\
& -6\mu_{40}^{(1)}\mu_{35}^{(1)}(\mu_{12}^{(2)})^2 + \mu_{40}^{(1)}\mu_{26}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} + 9\mu_{40}^{(1)}\mu_{26}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} \\
& -2\mu_{40}^{(1)}\mu_{17}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} - 3\mu_{40}^{(1)}\mu_{17}^{(1)}(\mu_{21}^{(2)})^2 + \mu_{40}^{(1)}\mu_{08}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)} \\
& +3\mu_{31}^{(1)}\mu_{62}^{(1)}(\mu_{03}^{(2)})^2 + \mu_{30}^{(1)}\mu_{62}^{(1)}\mu_{03}^{(2)}\mu_{04}^{(2)} - 14\mu_{31}^{(1)}\mu_{53}^{(1)}\mu_{12}^{(2)}\mu_{03}^{(2)} \\
& -3\mu_{30}^{(1)}\mu_{53}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)} - 3\mu_{30}^{(1)}\mu_{53}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} + 10\mu_{31}^{(1)}\mu_{44}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} \\
& +3\mu_{30}^{(1)}\mu_{44}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} - \mu_{30}^{(1)}\mu_{40}^{(1)}\mu_{21}^{(2)}\mu_{08}^{(2)} + 15\mu_{31}^{(1)}\mu_{44}^{(1)}(\mu_{12}^{(2)})^2 \\
& +9\mu_{30}^{(1)}\mu_{44}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} + 2\mu_{30}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{17}^{(2)} + 3\mu_{30}^{(1)}\mu_{44}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} \\
& -\mu_{30}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{26}^{(2)} - 2\mu_{31}^{(1)}\mu_{35}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} - \mu_{30}^{(1)}\mu_{35}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} \\
& +\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{30}^{(2)}\mu_{08}^{(2)} - (\mu_{30}^{(1)})^2\mu_{31}^{(2)}\mu_{08}^{(2)} - 18\mu_{31}^{(1)}\mu_{35}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} \\
& -9\mu_{30}^{(1)}\mu_{35}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} + \mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{17}^{(2)} + 3(\mu_{30}^{(1)})^2\mu_{22}^{(2)}\mu_{17}^{(2)} \\
& -9\mu_{30}^{(1)}\mu_{35}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} - 5\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{12}^{(2)}\mu_{26}^{(2)} - 3(\mu_{30}^{(1)})^2\mu_{13}^{(2)}\mu_{26}^{(2)} \\
& -\mu_{30}^{(1)}\mu_{35}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} + 3\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{35}^{(2)} + (\mu_{30}^{(1)})^2\mu_{04}^{(2)}\mu_{35}^{(2)} \\
& +\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{40}^{(2)}\mu_{08}^{(2)} + 2\mu_{31}^{(1)}\mu_{26}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} + 3\mu_{30}^{(1)}\mu_{26}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} \\
& -3\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{17}^{(2)} + 2\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{31}^{(2)}\mu_{17}^{(2)} + 3\mu_{31}^{(1)}\mu_{26}^{(1)}(\mu_{21}^{(2)})^2 \\
& +9\mu_{30}^{(1)}\mu_{26}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} + 3\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{26}^{(2)} - 12\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{22}^{(2)}\mu_{26}^{(2)} \\
& +3\mu_{30}^{(1)}\mu_{26}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} + 3\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{35}^{(2)} + 14\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{13}^{(2)}\mu_{35}^{(2)} \\
& -3\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{44}^{(2)} - 5\mu_{30}^{(1)}\mu_{21}^{(1)}\mu_{04}^{(2)}\mu_{44}^{(2)} - 2\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{40}^{(2)}\mu_{17}^{(2)} \\
& +2\mu_{31}^{(1)}\mu_{17}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)} - 3\mu_{30}^{(1)}\mu_{17}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} + 3\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{26}^{(2)} \\
& +2\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{31}^{(2)}\mu_{26}^{(2)} - 3\mu_{30}^{(1)}\mu_{17}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} - 5\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{21}^{(2)}\mu_{35}^{(2)} \\
& +6\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{22}^{(2)}\mu_{35}^{(2)} + \mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{44}^{(2)} - 10\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{13}^{(2)}\mu_{44}^{(2)} \\
& +\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{03}^{(2)}\mu_{53}^{(2)} + 4\mu_{30}^{(1)}\mu_{12}^{(1)}\mu_{04}^{(2)}\mu_{53}^{(2)} + \mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{40}^{(2)}\mu_{26}^{(2)} \\
& -\mu_{31}^{(1)}\mu_{08}^{(1)}(\mu_{30}^{(2)})^2 + \mu_{30}^{(1)}\mu_{08}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} - \mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{35}^{(2)} \\
& -2\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{31}^{(2)}\mu_{35}^{(2)} + 2\mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{44}^{(2)} - \mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{12}^{(2)}\mu_{53}^{(2)} \\
& +2\mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{13}^{(2)}\mu_{53}^{(2)} - \mu_{30}^{(1)}\mu_{03}^{(1)}\mu_{04}^{(2)}\mu_{62}^{(2)} - 3\mu_{22}^{(1)}\mu_{71}^{(1)}(\mu_{03}^{(2)})^2 \\
& -2\mu_{21}^{(1)}\mu_{71}^{(1)}\mu_{03}^{(2)}\mu_{04}^{(2)} + 12\mu_{22}^{(1)}\mu_{62}^{(1)}\mu_{12}^{(2)}\mu_{03}^{(2)} + 6\mu_{21}^{(1)}\mu_{62}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)} \\
& +5\mu_{21}^{(1)}\mu_{62}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} - 6\mu_{22}^{(1)}\mu_{53}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} - 6\mu_{21}^{(1)}\mu_{53}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} \\
& -9\mu_{22}^{(1)}\mu_{53}^{(1)}(\mu_{12}^{(2)})^2 - 15\mu_{21}^{(1)}\mu_{53}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} - 3\mu_{21}^{(1)}\mu_{53}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} \\
& +2\mu_{21}^{(1)}\mu_{44}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} + 15\mu_{21}^{(1)}\mu_{44}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} + 3\mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{21}^{(2)}\mu_{17}^{(2)} \\
& +9\mu_{21}^{(1)}\mu_{44}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} - 6\mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{26}^{(2)} - \mu_{21}^{(1)}\mu_{44}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} \\
& +3\mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{35}^{(2)} + 6\mu_{22}^{(1)}\mu_{35}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} - 5\mu_{21}^{(1)}\mu_{35}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} \\
& -3\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{30}^{(2)}\mu_{17}^{(2)} + 9\mu_{22}^{(1)}\mu_{35}^{(1)}(\mu_{21}^{(2)})^2 - 9\mu_{21}^{(1)}\mu_{35}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} \\
& -3\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{26}^{(2)} + 3\mu_{21}^{(1)}\mu_{35}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} + 15\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{12}^{(2)}\mu_{35}^{(2)} \\
& +\mu_{21}^{(1)}\mu_{35}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} - 9\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{44}^{(2)} - 3(\mu_{21}^{(1)})^2\mu_{40}^{(2)}\mu_{17}^{(2)} \\
& -12\mu_{22}^{(1)}\mu_{26}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)} + 3\mu_{21}^{(1)}\mu_{26}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} + 9\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{26}^{(2)} \\
& +3(\mu_{21}^{(1)})^2\mu_{31}^{(2)}\mu_{26}^{(2)} - 3\mu_{21}^{(1)}\mu_{26}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} - 9\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{35}^{(2)} \\
& +9(\mu_{21}^{(1)})^2\mu_{22}^{(2)}\mu_{35}^{(2)} - 3\mu_{21}^{(1)}\mu_{26}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} - 9\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{44}^{(2)} \\
& -15(\mu_{21}^{(1)})^2\mu_{13}^{(2)}\mu_{44}^{(2)} + 9\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{53}^{(2)} + 6(\mu_{21}^{(1)})^2\mu_{04}^{(2)}\mu_{53}^{(2)} \\
& +9\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{40}^{(2)}\mu_{26}^{(2)} + 3\mu_{22}^{(1)}\mu_{17}^{(1)}(\mu_{30}^{(2)})^2 + \mu_{21}^{(1)}\mu_{17}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} \\
& -9\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{35}^{(2)} - 18\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{31}^{(2)}\mu_{35}^{(2)} + 3\mu_{21}^{(1)}\mu_{17}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)}
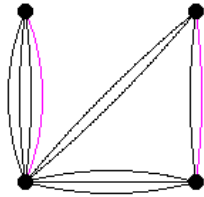\end{aligned}
$$

$$+15\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{21}^{(2)}\mu_{44}^{(2)} - 3\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{53}^{(2)} + 18\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{13}^{(2)}\mu_{53}^{(2)}$$
$$-3\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{04}^{(2)}\mu_{62}^{(2)} - 9\mu_{21}^{(1)}\mu_{12}^{(1)}\mu_{04}^{(2)}\mu_{62}^{(2)} - 4\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{40}^{(2)}\mu_{35}^{(2)}$$
$$-\mu_{21}^{(1)}\mu_{08}^{(1)}\mu_{30}^{(2)}\mu_{40}^{(2)} + 3\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{44}^{(2)} + 10\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{31}^{(2)}\mu_{44}^{(2)}$$
$$-6\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{53}^{(2)} - 6\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{22}^{(2)}\mu_{53}^{(2)} + 3\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{12}^{(2)}\mu_{62}^{(2)}$$
$$-2\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{13}^{(2)}\mu_{62}^{(2)} + 2\mu_{21}^{(1)}\mu_{03}^{(1)}\mu_{04}^{(2)}\mu_{71}^{(2)} + \mu_{13}^{(1)}\mu_{80}^{(1)}(\mu_{03}^{(2)})^2$$
$$+\mu_{12}^{(1)}\mu_{80}^{(1)}\mu_{03}^{(2)}\mu_{04}^{(2)} - 2\mu_{13}^{(1)}\mu_{71}^{(1)}\mu_{12}^{(2)}\mu_{03}^{(2)} - 3\mu_{12}^{(1)}\mu_{71}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)}$$
$$-\mu_{12}^{(1)}\mu_{71}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} - 2\mu_{13}^{(1)}\mu_{62}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)} + 3\mu_{12}^{(1)}\mu_{62}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)}$$
$$-3\mu_{13}^{(1)}\mu_{62}^{(1)}(\mu_{12}^{(2)})^2 + 3\mu_{12}^{(1)}\mu_{62}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} - 3\mu_{12}^{(1)}\mu_{62}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)}$$
$$+2\mu_{13}^{(1)}\mu_{53}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} - \mu_{12}^{(1)}\mu_{53}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} + 18\mu_{13}^{(1)}\mu_{53}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)}$$
$$-3\mu_{12}^{(1)}\mu_{53}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} + 9\mu_{12}^{(1)}\mu_{53}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} + 5\mu_{12}^{(1)}\mu_{53}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)}$$
$$-10\mu_{13}^{(1)}\mu_{44}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)} + \mu_{12}^{(1)}\mu_{44}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} - 15\mu_{13}^{(1)}\mu_{44}^{(1)}(\mu_{21}^{(2)})^2$$
$$-9\mu_{12}^{(1)}\mu_{44}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} - 3\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{21}^{(2)}\mu_{26}^{(2)} - 15\mu_{12}^{(1)}\mu_{44}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)}$$
$$+6\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{35}^{(2)} - 2\mu_{12}^{(1)}\mu_{44}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} - 3\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{44}^{(2)}$$
$$+14\mu_{13}^{(1)}\mu_{35}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)} + 3\mu_{12}^{(1)}\mu_{35}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} + 3\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{30}^{(2)}\mu_{26}^{(2)}$$
$$+15\mu_{12}^{(1)}\mu_{35}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} + 3\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{35}^{(2)} + 6\mu_{12}^{(1)}\mu_{35}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)}$$
$$-15\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{12}^{(2)}\mu_{44}^{(2)} + 9\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{53}^{(2)} - 3\mu_{13}^{(1)}\mu_{26}^{(1)}(\mu_{30}^{(2)})^2$$
$$-5\mu_{12}^{(1)}\mu_{26}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} - 9\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{35}^{(2)} - 6\mu_{12}^{(1)}\mu_{26}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)}$$
$$+9\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{44}^{(2)} + 9\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{53}^{(2)} - 9\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{62}^{(2)}$$
$$-6(\mu_{12}^{(1)})^2\mu_{40}^{(2)}\mu_{35}^{(2)} + 2\mu_{12}^{(1)}\mu_{17}^{(1)}\mu_{30}^{(2)}\mu_{40}^{(2)} + 9\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{44}^{(2)}$$
$$+15(\mu_{12}^{(1)})^2\mu_{31}^{(2)}\mu_{44}^{(2)} - 15\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{21}^{(2)}\mu_{53}^{(2)} - 9(\mu_{12}^{(1)})^2\mu_{22}^{(2)}\mu_{53}^{(2)}$$
$$+3\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{62}^{(2)} - 3(\mu_{12}^{(1)})^2\mu_{13}^{(2)}\mu_{62}^{(2)} + 3\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{03}^{(2)}\mu_{71}^{(2)}$$
$$+3(\mu_{12}^{(1)})^2\mu_{04}^{(2)}\mu_{71}^{(2)} + 5\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{40}^{(2)}\mu_{44}^{(2)} - 3\mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{53}^{(2)}$$
$$-14\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{31}^{(2)}\mu_{53}^{(2)} + 6\mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{62}^{(2)} + 12\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{22}^{(2)}\mu_{62}^{(2)}$$
$$-3\mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{12}^{(2)}\mu_{71}^{(2)} - 2\mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{13}^{(2)}\mu_{71}^{(2)} - \mu_{12}^{(1)}\mu_{03}^{(1)}\mu_{04}^{(2)}\mu_{80}^{(2)}$$
$$-\mu_{04}^{(1)}\mu_{80}^{(1)}\mu_{12}^{(2)}\mu_{03}^{(2)} - \mu_{03}^{(1)}\mu_{80}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} + 2\mu_{04}^{(1)}\mu_{71}^{(1)}\mu_{21}^{(2)}\mu_{03}^{(2)}$$
$$+3\mu_{04}^{(1)}\mu_{71}^{(1)}(\mu_{12}^{(2)})^2 + 3\mu_{03}^{(1)}\mu_{71}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} + 3\mu_{03}^{(1)}\mu_{71}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)}$$
$$-\mu_{04}^{(1)}\mu_{62}^{(1)}\mu_{30}^{(2)}\mu_{03}^{(2)} - 9\mu_{04}^{(1)}\mu_{62}^{(1)}\mu_{21}^{(2)}\mu_{12}^{(2)} - 3\mu_{03}^{(1)}\mu_{62}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)}$$
$$-9\mu_{03}^{(1)}\mu_{62}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} - 3\mu_{03}^{(1)}\mu_{62}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} + 4\mu_{04}^{(1)}\mu_{53}^{(1)}\mu_{30}^{(2)}\mu_{12}^{(2)}$$
$$+\mu_{03}^{(1)}\mu_{53}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} + 6\mu_{04}^{(1)}\mu_{53}^{(1)}(\mu_{21}^{(2)})^2 + 9\mu_{03}^{(1)}\mu_{53}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)}$$
$$+9\mu_{03}^{(1)}\mu_{53}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} + \mu_{03}^{(1)}\mu_{53}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} - 5\mu_{04}^{(1)}\mu_{44}^{(1)}\mu_{30}^{(2)}\mu_{21}^{(2)}$$
$$-3\mu_{03}^{(1)}\mu_{44}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} - 9\mu_{03}^{(1)}\mu_{44}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} + \mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{21}^{(2)}\mu_{35}^{(2)}$$
$$-3\mu_{03}^{(1)}\mu_{44}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} - 2\mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{44}^{(2)} + \mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{53}^{(2)}$$
$$+\mu_{04}^{(1)}\mu_{35}^{(1)}(\mu_{30}^{(2)})^2 + 3\mu_{03}^{(1)}\mu_{35}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} - \mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{30}^{(2)}\mu_{35}^{(2)}$$
$$+3\mu_{03}^{(1)}\mu_{35}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)} - \mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{44}^{(2)} + 5\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{12}^{(2)}\mu_{53}^{(2)}$$
$$-3\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{62}^{(2)} - \mu_{03}^{(1)}\mu_{26}^{(1)}\mu_{30}^{(2)}\mu_{40}^{(2)} + 3\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{44}^{(2)}$$
$$-3\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{53}^{(2)} - 3\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{62}^{(2)} + 3\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{71}^{(2)}$$
$$-3\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{53}^{(2)} + 5\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{21}^{(2)}\mu_{62}^{(2)} - \mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{71}^{(2)}$$
$$-\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{03}^{(2)}\mu_{80}^{(2)} - (\mu_{03}^{(1)})^2\mu_{40}^{(2)}\mu_{53}^{(2)} + \mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{62}^{(2)}$$
$$+3(\mu_{03}^{(1)})^2\mu_{31}^{(2)}\mu_{62}^{(2)} - 2\mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{71}^{(2)} - 3(\mu_{03}^{(1)})^2\mu_{22}^{(2)}\mu_{71}^{(2)}$$
$$+\mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{12}^{(2)}\mu_{80}^{(2)} + (\mu_{03}^{(1)})^2\mu_{13}^{(2)}\mu_{80}^{(2)}$$

weight=9
structure: 0,2,1,0,0,0,1
Generating graph:

$$
\begin{array}{ccccccccc}
1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 \qquad 1 \quad 2 \\
2 & 2 & 2 & 3 & 3 & 3 & 4 & 4 & 4 \qquad 3 \quad 4
\end{array}
$$

$$
\begin{aligned}
V_{69} \;=\; & \mu_{50}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} - \mu_{50}^{(1)}\mu_{35}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} - \mu_{50}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} \\
& -\mu_{50}^{(1)}\mu_{26}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} + 2\mu_{50}^{(1)}\mu_{26}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} + 2\mu_{50}^{(1)}\mu_{17}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} \\
& -\mu_{50}^{(1)}\mu_{17}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} - \mu_{50}^{(1)}\mu_{17}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} - \mu_{50}^{(1)}\mu_{08}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} \\
& +\mu_{50}^{(1)}\mu_{08}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} - 5\mu_{41}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} + 5\mu_{41}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} \\
& +5\mu_{41}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} + 5\mu_{41}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} - 10\mu_{41}^{(1)}\mu_{35}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& -10\mu_{41}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} + 5\mu_{41}^{(1)}\mu_{26}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} + 5\mu_{41}^{(1)}\mu_{26}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& +5\mu_{41}^{(1)}\mu_{17}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} - 5\mu_{41}^{(1)}\mu_{17}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} + 10\mu_{32}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} \\
& -\mu_{30}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{08}^{(2)} - 10\mu_{32}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} + \mu_{30}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{17}^{(2)} \\
& -10\mu_{32}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} - 10\mu_{32}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} + 5\mu_{30}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{17}^{(2)} \\
& +20\mu_{32}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} - 5\mu_{30}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{26}^{(2)} + 20\mu_{32}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} \\
& -10\mu_{32}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} - 10\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{26}^{(2)} - 10\mu_{32}^{(1)}\mu_{35}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& +10\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{35}^{(2)} - 10\mu_{32}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} + 10\mu_{32}^{(1)}\mu_{26}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} \\
& +10\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{35}^{(2)} - 10\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{44}^{(2)} - 5\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{44}^{(2)} \\
& +5\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{53}^{(2)} + \mu_{30}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{53}^{(2)} - \mu_{30}^{(1)}\mu_{05}^{(1)}\mu_{02}^{(2)}\mu_{62}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{71}^{(1)}\mu_{03}^{(2)}\mu_{05}^{(2)} - 10\mu_{23}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} + 2\mu_{20}^{(1)}\mu_{62}^{(1)}\mu_{12}^{(2)}\mu_{05}^{(2)} \\
& +10\mu_{23}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} + 5\mu_{20}^{(1)}\mu_{62}^{(1)}\mu_{03}^{(2)}\mu_{14}^{(2)} + 10\mu_{23}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} \\
& +\mu_{21}^{(1)}\mu_{50}^{(1)}\mu_{20}^{(2)}\mu_{08}^{(2)} - \mu_{20}^{(1)}\mu_{53}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} + 10\mu_{23}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
& +\mu_{21}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{17}^{(2)} - 10\mu_{20}^{(1)}\mu_{53}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} - 20\mu_{23}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& -2\mu_{21}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{26}^{(2)} - 10\mu_{20}^{(1)}\mu_{53}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)} - 20\mu_{23}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} \\
& -5\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{17}^{(2)} + 5\mu_{20}^{(1)}\mu_{44}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} + 10\mu_{23}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} \\
& -5\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{26}^{(2)} + 20\mu_{20}^{(1)}\mu_{44}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} + 10\mu_{23}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& +10\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{35}^{(2)} + 10\mu_{20}^{(1)}\mu_{44}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} + 10\mu_{23}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} \\
& +10\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{26}^{(2)} - 10\mu_{20}^{(1)}\mu_{35}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} - 10\mu_{23}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} \\
& +10\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{35}^{(2)} - 20\mu_{20}^{(1)}\mu_{35}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} - 20\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{44}^{(2)} \\
& -5\mu_{20}^{(1)}\mu_{35}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} - \mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{50}^{(2)}\mu_{08}^{(2)} + 5\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{41}^{(2)}\mu_{17}^{(2)} \\
& -10\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{32}^{(2)}\mu_{26}^{(2)} - 10\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{35}^{(2)} + 10\mu_{20}^{(1)}\mu_{26}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} \\
& +10\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{23}^{(2)}\mu_{35}^{(2)} - 10\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{44}^{(2)} + 10\mu_{20}^{(1)}\mu_{26}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} \\
& -5\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{14}^{(2)}\mu_{44}^{(2)} + 20\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{53}^{(2)} + \mu_{20}^{(1)}\mu_{26}^{(1)}\mu_{03}^{(2)}\mu_{50}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{05}^{(2)}\mu_{53}^{(2)} + 2\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{50}^{(2)}\mu_{17}^{(2)} - 10\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{41}^{(2)}\mu_{26}^{(2)} \\
& +20\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{32}^{(2)}\mu_{35}^{(2)} + 5\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{44}^{(2)} - 5\mu_{20}^{(1)}\mu_{17}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} \\
& -20\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{23}^{(2)}\mu_{44}^{(2)} + 5\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{53}^{(2)} - 2\mu_{20}^{(1)}\mu_{17}^{(1)}\mu_{12}^{(2)}\mu_{50}^{(2)} \\
& +10\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{14}^{(2)}\mu_{53}^{(2)} - 10\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{62}^{(2)} - 2\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{05}^{(2)}\mu_{62}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{50}^{(2)}\mu_{26}^{(2)} + 5\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{41}^{(2)}\mu_{35}^{(2)} - 10\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{32}^{(2)}\mu_{44}^{(2)} \\
& -\mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{53}^{(2)} + \mu_{20}^{(1)}\mu_{08}^{(1)}\mu_{21}^{(2)}\mu_{50}^{(2)} + 10\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{23}^{(2)}\mu_{53}^{(2)} \\
& -\mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{62}^{(2)} - 5\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{14}^{(2)}\mu_{62}^{(2)} + 2\mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{02}^{(2)}\mu_{71}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{05}^{(2)}\mu_{71}^{(2)} + \mu_{11}^{(1)}\mu_{80}^{(1)}\mu_{03}^{(2)}\mu_{05}^{(2)} + 5\mu_{14}^{(1)}\mu_{71}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} \\
& -\mu_{11}^{(1)}\mu_{71}^{(1)}\mu_{12}^{(2)}\mu_{05}^{(2)} - 5\mu_{14}^{(1)}\mu_{71}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} - 5\mu_{11}^{(1)}\mu_{71}^{(1)}\mu_{03}^{(2)}\mu_{14}^{(2)} \\
& -5\mu_{14}^{(1)}\mu_{62}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} - \mu_{11}^{(1)}\mu_{62}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} - 5\mu_{14}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
& +5\mu_{11}^{(1)}\mu_{62}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} + 10\mu_{14}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} + 10\mu_{11}^{(1)}\mu_{62}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)}
\end{aligned}
$$

$$+\mu_{11}^{(1)}\mu_{53}^{(1)}\mu_{30}^{(2)}\mu_{05}^{(2)} + 10\mu_{14}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - 2\mu_{12}^{(1)}\mu_{50}^{(1)}\mu_{20}^{(2)}\mu_{17}^{(2)}$$
$$+5\mu_{11}^{(1)}\mu_{53}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} - 5\mu_{14}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} + \mu_{12}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{26}^{(2)}$$
$$-10\mu_{11}^{(1)}\mu_{53}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} - 5\mu_{14}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} + \mu_{12}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{35}^{(2)}$$
$$-10\mu_{11}^{(1)}\mu_{53}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} - 5\mu_{11}^{(1)}\mu_{44}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)} - 5\mu_{14}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)}$$
$$+10\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{26}^{(2)} - 10\mu_{11}^{(1)}\mu_{44}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} + 5\mu_{14}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)}$$
$$-5\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{35}^{(2)} + 10\mu_{11}^{(1)}\mu_{44}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} - 5\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{44}^{(2)}$$
$$+5\mu_{11}^{(1)}\mu_{44}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} + \mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{50}^{(2)}\mu_{08}^{(2)} - 5\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{41}^{(2)}\mu_{17}^{(2)}$$
$$+10\mu_{11}^{(1)}\mu_{35}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)} + 10\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{32}^{(2)}\mu_{26}^{(2)} - 20\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{35}^{(2)}$$
$$+10\mu_{11}^{(1)}\mu_{35}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} - 10\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{23}^{(2)}\mu_{35}^{(2)} + 10\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{44}^{(2)}$$
$$-5\mu_{11}^{(1)}\mu_{35}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} + 5\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{14}^{(2)}\mu_{44}^{(2)} + 10\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{53}^{(2)}$$
$$-\mu_{11}^{(1)}\mu_{35}^{(1)}\mu_{03}^{(2)}\mu_{50}^{(2)} - \mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{05}^{(2)}\mu_{53}^{(2)} - \mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{50}^{(2)}\mu_{17}^{(2)}$$
$$+5\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{41}^{(2)}\mu_{26}^{(2)} - 10\mu_{11}^{(1)}\mu_{26}^{(1)}\mu_{30}^{(2)}\mu_{32}^{(2)} - 10\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{32}^{(2)}\mu_{35}^{(2)}$$
$$+20\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{44}^{(2)} - 5\mu_{11}^{(1)}\mu_{26}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} + 10\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{23}^{(2)}\mu_{44}^{(2)}$$
$$-10\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{53}^{(2)} + \mu_{11}^{(1)}\mu_{26}^{(1)}\mu_{12}^{(2)}\mu_{50}^{(2)} - 5\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{14}^{(2)}\mu_{53}^{(2)}$$
$$-10\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{62}^{(2)} + \mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{05}^{(2)}\mu_{62}^{(2)} - \mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{50}^{(2)}\mu_{26}^{(2)}$$
$$+5\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{41}^{(2)}\mu_{35}^{(2)} + 5\mu_{11}^{(1)}\mu_{17}^{(1)}\mu_{30}^{(2)}\mu_{41}^{(2)} - 10\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{32}^{(2)}\mu_{44}^{(2)}$$
$$-10\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{53}^{(2)} + \mu_{11}^{(1)}\mu_{17}^{(1)}\mu_{21}^{(2)}\mu_{50}^{(2)} + 10\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{23}^{(2)}\mu_{53}^{(2)}$$
$$+5\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{62}^{(2)} - 5\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{14}^{(2)}\mu_{62}^{(2)} + 5\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{71}^{(2)}$$
$$+\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{05}^{(2)}\mu_{71}^{(2)} + \mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{50}^{(2)}\mu_{35}^{(2)} - 5\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{41}^{(2)}\mu_{44}^{(2)}$$
$$-\mu_{11}^{(1)}\mu_{08}^{(1)}\mu_{30}^{(2)}\mu_{50}^{(2)} + 10\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{32}^{(2)}\mu_{53}^{(2)} + 2\mu_{12}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{62}^{(2)}$$
$$-10\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{23}^{(2)}\mu_{62}^{(2)} - \mu_{12}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{71}^{(2)} + 5\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{14}^{(2)}\mu_{71}^{(2)}$$
$$-\mu_{12}^{(1)}\mu_{05}^{(1)}\mu_{02}^{(2)}\mu_{80}^{(2)} - \mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{05}^{(2)}\mu_{80}^{(2)} - \mu_{05}^{(1)}\mu_{80}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{80}^{(1)}\mu_{12}^{(2)}\mu_{05}^{(2)} + \mu_{05}^{(1)}\mu_{80}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} + \mu_{05}^{(1)}\mu_{71}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)}$$
$$+2\mu_{02}^{(1)}\mu_{71}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} + \mu_{05}^{(1)}\mu_{71}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} + 5\mu_{02}^{(1)}\mu_{71}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)}$$
$$-2\mu_{05}^{(1)}\mu_{71}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} - \mu_{02}^{(1)}\mu_{62}^{(1)}\mu_{30}^{(2)}\mu_{05}^{(2)} - 2\mu_{05}^{(1)}\mu_{62}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)}$$
$$-10\mu_{02}^{(1)}\mu_{62}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} + \mu_{05}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} - 10\mu_{02}^{(1)}\mu_{62}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)}$$
$$+\mu_{05}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} + 5\mu_{02}^{(1)}\mu_{53}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)} + \mu_{05}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)}$$
$$+\mu_{03}^{(1)}\mu_{50}^{(1)}\mu_{20}^{(2)}\mu_{26}^{(2)} + 20\mu_{02}^{(1)}\mu_{53}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} - \mu_{05}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)}$$
$$-\mu_{03}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{35}^{(2)} + 10\mu_{02}^{(1)}\mu_{53}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} - 10\mu_{02}^{(1)}\mu_{44}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)}$$
$$-5\mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{35}^{(2)} - 20\mu_{02}^{(1)}\mu_{44}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} + 5\mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{44}^{(2)}$$
$$-5\mu_{02}^{(1)}\mu_{44}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} - \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{50}^{(2)}\mu_{17}^{(2)} + 5\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{41}^{(2)}\mu_{26}^{(2)}$$
$$+10\mu_{02}^{(1)}\mu_{35}^{(1)}\mu_{30}^{(2)}\mu_{32}^{(2)} - 10\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{32}^{(2)}\mu_{35}^{(2)} + 10\mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{44}^{(2)}$$
$$+10\mu_{02}^{(1)}\mu_{35}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} + 10\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{23}^{(2)}\mu_{44}^{(2)} - 10\mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{53}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{35}^{(1)}\mu_{12}^{(2)}\mu_{50}^{(2)} - 5\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{14}^{(2)}\mu_{53}^{(2)} + \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{05}^{(2)}\mu_{62}^{(2)}$$
$$+2\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{50}^{(2)}\mu_{26}^{(2)} - 10\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{41}^{(2)}\mu_{35}^{(2)} - 5\mu_{02}^{(1)}\mu_{26}^{(1)}\mu_{30}^{(2)}\mu_{41}^{(2)}$$
$$+20\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{32}^{(2)}\mu_{44}^{(2)} - 10\mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{53}^{(2)} - 2\mu_{02}^{(1)}\mu_{26}^{(1)}\mu_{21}^{(2)}\mu_{50}^{(2)}$$
$$-20\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{23}^{(2)}\mu_{53}^{(2)} + 10\mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{62}^{(2)} + 10\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{14}^{(2)}\mu_{62}^{(2)}$$
$$-2\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{05}^{(2)}\mu_{71}^{(2)} - \mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{50}^{(2)}\mu_{35}^{(2)} + 5\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{41}^{(2)}\mu_{44}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{17}^{(1)}\mu_{30}^{(2)}\mu_{50}^{(2)} - 10\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{32}^{(2)}\mu_{53}^{(2)} + 5\mu_{03}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{62}^{(2)}$$

$$+10\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{23}^{(2)}\mu_{62}^{(2)} - 5\mu_{03}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{71}^{(2)} - 5\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{14}^{(2)}\mu_{71}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{05}^{(2)}\mu_{80}^{(2)} - \mu_{03}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{71}^{(2)} + \mu_{03}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{80}^{(2)}$$

weight=9

structure: 1,1,0,1,0,0,1

Generating graph:

$$
\begin{array}{ccccccccc}
1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 \\
2 & 2 & 3 & 3 & 3 & 3 & 3 & 4 & 4
\end{array}
\qquad
\begin{array}{cc}
1 & 3 \\
2 & 4
\end{array}
$$

$$
\begin{aligned}
V_{70} =\ & \mu_{30}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{05}^{(2)} - \mu_{30}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{05}^{(2)} - \mu_{30}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{08}^{(2)} \\
& -5\mu_{30}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{14}^{(2)} + \mu_{30}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{17}^{(2)} + 5\mu_{30}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} \\
& +5\mu_{30}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{17}^{(2)} + 10\mu_{30}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} - 5\mu_{30}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{26}^{(2)} \\
& -10\mu_{30}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} - 10\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{26}^{(2)} - 10\mu_{30}^{(1)}\mu_{35}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)} \\
& +10\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{35}^{(2)} + 10\mu_{30}^{(1)}\mu_{26}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} + 10\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{35}^{(2)} \\
& +5\mu_{30}^{(1)}\mu_{26}^{(1)}\mu_{02}^{(2)}\mu_{41}^{(2)} - 10\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{44}^{(2)} - 5\mu_{30}^{(1)}\mu_{17}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} \\
& -5\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{44}^{(2)} - \mu_{30}^{(1)}\mu_{17}^{(1)}\mu_{02}^{(2)}\mu_{50}^{(2)} + 5\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{53}^{(2)} \\
& +\mu_{30}^{(1)}\mu_{08}^{(1)}\mu_{11}^{(2)}\mu_{50}^{(2)} + \mu_{30}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{53}^{(2)} - \mu_{30}^{(1)}\mu_{05}^{(1)}\mu_{02}^{(2)}\mu_{62}^{(2)} \\
& -2\mu_{21}^{(1)}\mu_{71}^{(1)}\mu_{02}^{(2)}\mu_{05}^{(2)} - \mu_{20}^{(1)}\mu_{71}^{(1)}\mu_{03}^{(2)}\mu_{05}^{(2)} + \mu_{21}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{05}^{(2)} \\
& +2\mu_{20}^{(1)}\mu_{62}^{(1)}\mu_{12}^{(2)}\mu_{05}^{(2)} + 10\mu_{21}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{14}^{(2)} + 5\mu_{20}^{(1)}\mu_{62}^{(1)}\mu_{03}^{(2)}\mu_{14}^{(2)} \\
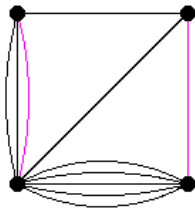& +\mu_{21}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{05}^{(2)} + \mu_{21}^{(1)}\mu_{50}^{(1)}\mu_{20}^{(2)}\mu_{08}^{(2)} - \mu_{20}^{(1)}\mu_{53}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{50}^{(1)}\mu_{21}^{(2)}\mu_{08}^{(2)} - 5\mu_{21}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} + \mu_{21}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{17}^{(2)} \\
& -10\mu_{20}^{(1)}\mu_{53}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} + 2\mu_{20}^{(1)}\mu_{50}^{(1)}\mu_{12}^{(2)}\mu_{17}^{(2)} - 20\mu_{21}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} \\
& -2\mu_{21}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{26}^{(2)} - 10\mu_{20}^{(1)}\mu_{53}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)} - \mu_{20}^{(1)}\mu_{50}^{(1)}\mu_{03}^{(2)}\mu_{26}^{(2)} \\
& -5\mu_{21}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{14}^{(2)} - 5\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{17}^{(2)} + 5\mu_{20}^{(1)}\mu_{44}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} \\
& +5\mu_{20}^{(1)}\mu_{41}^{(1)}\mu_{21}^{(2)}\mu_{17}^{(2)} + 10\mu_{21}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} - 5\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{26}^{(2)} \\
& +20\mu_{20}^{(1)}\mu_{44}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} - 10\mu_{20}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{26}^{(2)} + 20\mu_{21}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)} \\
& +10\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{35}^{(2)} + 10\mu_{20}^{(1)}\mu_{44}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} + 5\mu_{20}^{(1)}\mu_{41}^{(1)}\mu_{03}^{(2)}\mu_{35}^{(2)} \\
& +10\mu_{21}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)} + 10\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{26}^{(2)} - 10\mu_{20}^{(1)}\mu_{35}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} \\
& -10\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{26}^{(2)} - 10\mu_{21}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} + 10\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{35}^{(2)} \\
& -20\mu_{20}^{(1)}\mu_{35}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} + 20\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{35}^{(2)} - 10\mu_{21}^{(1)}\mu_{35}^{(1)}\mu_{02}^{(2)}\mu_{41}^{(2)} \\
& -20\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{44}^{(2)} - 5\mu_{20}^{(1)}\mu_{35}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} - 10\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{03}^{(2)}\mu_{44}^{(2)} \\
& -10\mu_{21}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)} - 10\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{35}^{(2)} + 10\mu_{20}^{(1)}\mu_{26}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} \\
& +10\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{35}^{(2)} + 5\mu_{21}^{(1)}\mu_{26}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} - 10\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{44}^{(2)} \\
& +10\mu_{20}^{(1)}\mu_{26}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} - 20\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{44}^{(2)} + 2\mu_{21}^{(1)}\mu_{26}^{(1)}\mu_{02}^{(2)}\mu_{50}^{(2)} \\
& +20\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{53}^{(2)} + \mu_{20}^{(1)}\mu_{26}^{(1)}\mu_{03}^{(2)}\mu_{50}^{(2)} + 10\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{03}^{(2)}\mu_{53}^{(2)} \\
& +5\mu_{21}^{(1)}\mu_{17}^{(1)}\mu_{20}^{(2)}\mu_{41}^{(2)} + 5\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{44}^{(2)} - 5\mu_{20}^{(1)}\mu_{17}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} \\
& -5\mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{44}^{(2)} - \mu_{21}^{(1)}\mu_{17}^{(1)}\mu_{11}^{(2)}\mu_{50}^{(2)} + 5\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{53}^{(2)} \\
& -2\mu_{20}^{(1)}\mu_{17}^{(1)}\mu_{12}^{(2)}\mu_{50}^{(2)} + 10\mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{12}^{(2)}\mu_{53}^{(2)} - 10\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{62}^{(2)} \\
& -5\mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{03}^{(2)}\mu_{62}^{(2)} - \mu_{21}^{(1)}\mu_{08}^{(1)}\mu_{20}^{(2)}\mu_{50}^{(2)} - \mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{53}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{08}^{(1)}\mu_{21}^{(2)}\mu_{50}^{(2)} + \mu_{20}^{(1)}\mu_{05}^{(1)}\mu_{21}^{(2)}\mu_{53}^{(2)} - \mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{62}^{(2)} \\
& -2\mu_{20}^{(1)}\mu_{05}^{(1)}\mu_{12}^{(2)}\mu_{62}^{(2)} + 2\mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{02}^{(2)}\mu_{71}^{(2)} + \mu_{20}^{(1)}\mu_{05}^{(1)}\mu_{03}^{(2)}\mu_{71}^{(2)} \\
& +\mu_{12}^{(1)}\mu_{80}^{(1)}\mu_{02}^{(2)}\mu_{05}^{(2)} + \mu_{11}^{(1)}\mu_{80}^{(1)}\mu_{03}^{(2)}\mu_{05}^{(2)} + \mu_{12}^{(1)}\mu_{71}^{(1)}\mu_{11}^{(2)}\mu_{05}^{(2)} \\
& -\mu_{11}^{(1)}\mu_{71}^{(1)}\mu_{12}^{(2)}\mu_{05}^{(2)} - 5\mu_{12}^{(1)}\mu_{71}^{(1)}\mu_{02}^{(2)}\mu_{14}^{(2)} - 5\mu_{11}^{(1)}\mu_{71}^{(1)}\mu_{03}^{(2)}\mu_{14}^{(2)} \\
& -2\mu_{12}^{(1)}\mu_{62}^{(1)}\mu_{20}^{(2)}\mu_{05}^{(2)} - \mu_{11}^{(1)}\mu_{62}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} - 5\mu_{12}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} \\
& +5\mu_{11}^{(1)}\mu_{62}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} + 10\mu_{12}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} + 10\mu_{11}^{(1)}\mu_{62}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)} \\
& +\mu_{11}^{(1)}\mu_{53}^{(1)}\mu_{30}^{(2)}\mu_{05}^{(2)} + \mu_{11}^{(1)}\mu_{50}^{(1)}\mu_{30}^{(2)}\mu_{08}^{(2)} + 10\mu_{12}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{14}^{(2)} \\
& -2\mu_{12}^{(1)}\mu_{50}^{(1)}\mu_{20}^{(2)}\mu_{17}^{(2)} + 5\mu_{11}^{(1)}\mu_{53}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} - \mu_{11}^{(1)}\mu_{50}^{(1)}\mu_{21}^{(2)}\mu_{17}^{(2)} \\
& +10\mu_{12}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} + \mu_{12}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{26}^{(2)} - 10\mu_{11}^{(1)}\mu_{53}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)}
\end{aligned}
$$

$$
\begin{aligned}
&-\mu_{11}^{(1)}\mu_{50}^{(1)}\mu_{12}^{(2)}\mu_{26}^{(2)} - 10\mu_{12}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)} + \mu_{12}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{35}^{(2)} \\
&-10\mu_{11}^{(1)}\mu_{53}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} + \mu_{11}^{(1)}\mu_{50}^{(1)}\mu_{03}^{(2)}\mu_{35}^{(2)} - 5\mu_{11}^{(1)}\mu_{44}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)} \\
&-5\mu_{11}^{(1)}\mu_{41}^{(1)}\mu_{30}^{(2)}\mu_{17}^{(2)} - 20\mu_{12}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)} + 10\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{26}^{(2)} \\
&-10\mu_{11}^{(1)}\mu_{44}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} + 5\mu_{11}^{(1)}\mu_{41}^{(1)}\mu_{21}^{(2)}\mu_{26}^{(2)} - 10\mu_{12}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} \\
&-5\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{35}^{(2)} + 10\mu_{11}^{(1)}\mu_{44}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} + 5\mu_{11}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{35}^{(2)} \\
&+5\mu_{12}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{41}^{(2)} - 5\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{44}^{(2)} + 5\mu_{11}^{(1)}\mu_{44}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} \\
&-5\mu_{11}^{(1)}\mu_{41}^{(1)}\mu_{03}^{(2)}\mu_{44}^{(2)} + 10\mu_{11}^{(1)}\mu_{35}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)} + 10\mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{30}^{(2)}\mu_{26}^{(2)} \\
&+20\mu_{12}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)} - 20\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{35}^{(2)} + 10\mu_{11}^{(1)}\mu_{35}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} \\
&-10\mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{35}^{(2)} + 5\mu_{12}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} + 10\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{44}^{(2)} \\
&-5\mu_{11}^{(1)}\mu_{35}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} - 10\mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{44}^{(2)} - \mu_{12}^{(1)}\mu_{35}^{(1)}\mu_{02}^{(2)}\mu_{50}^{(2)} \\
&+10\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{53}^{(2)} - \mu_{11}^{(1)}\mu_{35}^{(1)}\mu_{03}^{(2)}\mu_{50}^{(2)} + 10\mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{03}^{(2)}\mu_{53}^{(2)} \\
&-10\mu_{11}^{(1)}\mu_{26}^{(1)}\mu_{30}^{(2)}\mu_{32}^{(2)} - 10\mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{35}^{(2)} - 10\mu_{12}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{41}^{(2)} \\
&+20\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{44}^{(2)} - 5\mu_{11}^{(1)}\mu_{26}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} + 10\mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{44}^{(2)} \\
&-\mu_{12}^{(1)}\mu_{26}^{(1)}\mu_{11}^{(2)}\mu_{50}^{(2)} - 10\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{53}^{(2)} + \mu_{11}^{(1)}\mu_{26}^{(1)}\mu_{12}^{(2)}\mu_{50}^{(2)} \\
&+10\mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{53}^{(2)} - 10\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{62}^{(2)} - 10\mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{03}^{(2)}\mu_{62}^{(2)} \\
&+5\mu_{11}^{(1)}\mu_{17}^{(1)}\mu_{30}^{(2)}\mu_{41}^{(2)} + 5\mu_{11}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{44}^{(2)} + 2\mu_{12}^{(1)}\mu_{17}^{(1)}\mu_{20}^{(2)}\mu_{50}^{(2)} \\
&-10\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{53}^{(2)} + \mu_{11}^{(1)}\mu_{17}^{(1)}\mu_{21}^{(2)}\mu_{50}^{(2)} - 5\mu_{11}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{53}^{(2)} \\
&+5\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{62}^{(2)} - 5\mu_{11}^{(1)}\mu_{14}^{(1)}\mu_{12}^{(2)}\mu_{62}^{(2)} + 5\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{71}^{(2)} \\
&+5\mu_{11}^{(1)}\mu_{14}^{(1)}\mu_{03}^{(2)}\mu_{71}^{(2)} - \mu_{11}^{(1)}\mu_{08}^{(1)}\mu_{30}^{(2)}\mu_{50}^{(2)} - \mu_{11}^{(1)}\mu_{05}^{(1)}\mu_{30}^{(2)}\mu_{53}^{(2)} \\
&+2\mu_{12}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{62}^{(2)} + \mu_{11}^{(1)}\mu_{05}^{(1)}\mu_{21}^{(2)}\mu_{62}^{(2)} - \mu_{12}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{71}^{(2)} \\
&+\mu_{11}^{(1)}\mu_{05}^{(1)}\mu_{12}^{(2)}\mu_{71}^{(2)} - \mu_{12}^{(1)}\mu_{05}^{(1)}\mu_{02}^{(2)}\mu_{80}^{(2)} - \mu_{11}^{(1)}\mu_{05}^{(1)}\mu_{03}^{(2)}\mu_{80}^{(2)} \\
&-\mu_{03}^{(1)}\mu_{80}^{(1)}\mu_{11}^{(2)}\mu_{05}^{(2)} - \mu_{02}^{(1)}\mu_{80}^{(1)}\mu_{12}^{(2)}\mu_{05}^{(2)} + \mu_{03}^{(1)}\mu_{71}^{(1)}\mu_{20}^{(2)}\mu_{05}^{(2)} \\
&+2\mu_{02}^{(1)}\mu_{71}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} + 5\mu_{03}^{(1)}\mu_{71}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} + 5\mu_{02}^{(1)}\mu_{71}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} \\
&-\mu_{02}^{(1)}\mu_{62}^{(1)}\mu_{30}^{(2)}\mu_{05}^{(2)} - 5\mu_{03}^{(1)}\mu_{62}^{(1)}\mu_{20}^{(2)}\mu_{14}^{(2)} - 10\mu_{02}^{(1)}\mu_{62}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} \\
&-10\mu_{03}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} - 10\mu_{02}^{(1)}\mu_{62}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} + 5\mu_{02}^{(1)}\mu_{53}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)} \\
&-\mu_{02}^{(1)}\mu_{50}^{(1)}\mu_{30}^{(2)}\mu_{17}^{(2)} + 10\mu_{03}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)} + \mu_{03}^{(1)}\mu_{50}^{(1)}\mu_{20}^{(2)}\mu_{26}^{(2)} \\
&+20\mu_{02}^{(1)}\mu_{53}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} + 2\mu_{02}^{(1)}\mu_{50}^{(1)}\mu_{21}^{(2)}\mu_{26}^{(2)} + 10\mu_{03}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} \\
&-\mu_{03}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{35}^{(2)} + 10\mu_{02}^{(1)}\mu_{53}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} - \mu_{02}^{(1)}\mu_{50}^{(1)}\mu_{12}^{(2)}\mu_{35}^{(2)} \\
&-10\mu_{02}^{(1)}\mu_{44}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)} + 5\mu_{02}^{(1)}\mu_{41}^{(1)}\mu_{30}^{(2)}\mu_{26}^{(2)} - 10\mu_{03}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)} \\
&-5\mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{35}^{(2)} - 20\mu_{02}^{(1)}\mu_{44}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} - 10\mu_{02}^{(1)}\mu_{41}^{(1)}\mu_{21}^{(2)}\mu_{35}^{(2)} \\
&-5\mu_{03}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} + 5\mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{44}^{(2)} - 5\mu_{02}^{(1)}\mu_{44}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} \\
&+5\mu_{02}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{44}^{(2)} + 10\mu_{02}^{(1)}\mu_{35}^{(1)}\mu_{30}^{(2)}\mu_{32}^{(2)} - 10\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{30}^{(2)}\mu_{35}^{(2)} \\
&+5\mu_{03}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{41}^{(2)} + 10\mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{44}^{(2)} + 10\mu_{02}^{(1)}\mu_{35}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} \\
&+20\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{44}^{(2)} + \mu_{03}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{50}^{(2)} - 10\mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{53}^{(2)} \\
&+\mu_{02}^{(1)}\mu_{35}^{(1)}\mu_{12}^{(2)}\mu_{50}^{(2)} - 10\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{53}^{(2)} - 5\mu_{02}^{(1)}\mu_{26}^{(1)}\mu_{30}^{(2)}\mu_{41}^{(2)} \\
&+10\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{44}^{(2)} - \mu_{03}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{50}^{(2)} - 10\mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{53}^{(2)} \\
&-2\mu_{02}^{(1)}\mu_{26}^{(1)}\mu_{21}^{(2)}\mu_{50}^{(2)} - 20\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{53}^{(2)} + 10\mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{62}^{(2)} \\
&+10\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{62}^{(2)} + \mu_{02}^{(1)}\mu_{17}^{(1)}\mu_{30}^{(2)}\mu_{50}^{(2)} - 5\mu_{02}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{53}^{(2)} \\
&+5\mu_{03}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{62}^{(2)} + 10\mu_{02}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{62}^{(2)} - 5\mu_{03}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{71}^{(2)}
\end{aligned}
$$

$$-5\mu_{02}^{(1)}\mu_{14}^{(1)}\mu_{12}^{(2)}\mu_{71}^{(2)} + \mu_{02}^{(1)}\mu_{05}^{(1)}\mu_{30}^{(2)}\mu_{62}^{(2)} - \mu_{03}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{71}^{(2)}$$
$$-2\mu_{02}^{(1)}\mu_{05}^{(1)}\mu_{21}^{(2)}\mu_{71}^{(2)} + \mu_{03}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{80}^{(2)} + \mu_{02}^{(1)}\mu_{05}^{(1)}\mu_{12}^{(2)}\mu_{80}^{(2)}$$

weight=9

structure: 1,1,0,1,0,0,1

Generating graph:

1	1	1	1	1	1	1	1	2		1	2
2	2	3	3	3	3	3	4	4		3	4
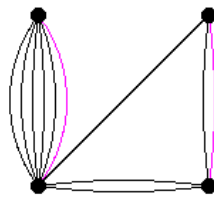
$$
\begin{aligned}
V_{71} \;=\; & \mu_{30}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{05}^{(2)} - \mu_{30}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{08}^{(2)} - \mu_{30}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{14}^{(2)} \\
& + \mu_{30}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{17}^{(2)} - \mu_{30}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{05}^{(2)} + \mu_{30}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{08}^{(2)} \\
& - 3\mu_{30}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} + 3\mu_{30}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{17}^{(2)} + 4\mu_{30}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} \\
& - 4\mu_{30}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{26}^{(2)} + 4\mu_{30}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{14}^{(2)} - 4\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{17}^{(2)} \\
& + 2\mu_{30}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} - 2\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{26}^{(2)} - 6\mu_{30}^{(1)}\mu_{35}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)} \\
& + 6\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{35}^{(2)} - 6\mu_{30}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)} + 6\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{26}^{(2)} \\
& + 2\mu_{30}^{(1)}\mu_{26}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} - 2\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{35}^{(2)} + 4\mu_{30}^{(1)}\mu_{26}^{(1)}\mu_{02}^{(2)}\mu_{41}^{(2)} \\
& - 4\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{44}^{(2)} + 4\mu_{30}^{(1)}\mu_{17}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)} - 4\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{35}^{(2)} \\
& - 3\mu_{30}^{(1)}\mu_{17}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} + 3\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{44}^{(2)} - \mu_{30}^{(1)}\mu_{17}^{(1)}\mu_{02}^{(2)}\mu_{50}^{(2)} \\
& + \mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{53}^{(2)} - \mu_{30}^{(1)}\mu_{08}^{(1)}\mu_{20}^{(2)}\mu_{41}^{(2)} + \mu_{30}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{44}^{(2)} \\
& + \mu_{30}^{(1)}\mu_{08}^{(1)}\mu_{11}^{(2)}\mu_{50}^{(2)} - \mu_{30}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{53}^{(2)} - \mu_{20}^{(1)}\mu_{71}^{(1)}\mu_{03}^{(2)}\mu_{05}^{(2)} \\
& - 3\mu_{21}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{05}^{(2)} + 3\mu_{20}^{(1)}\mu_{62}^{(1)}\mu_{12}^{(2)}\mu_{05}^{(2)} + 3\mu_{21}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{14}^{(2)} \\
& + 4\mu_{20}^{(1)}\mu_{62}^{(1)}\mu_{03}^{(2)}\mu_{14}^{(2)} + 3\mu_{21}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{05}^{(2)} - 3\mu_{20}^{(1)}\mu_{53}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} \\
& + 9\mu_{21}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} + 3\mu_{21}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{17}^{(2)} - 12\mu_{20}^{(1)}\mu_{53}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} \\
& - 12\mu_{21}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} - 3\mu_{21}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{26}^{(2)} - 6\mu_{20}^{(1)}\mu_{53}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)} \\
& + \mu_{20}^{(1)}\mu_{44}^{(1)}\mu_{30}^{(2)}\mu_{05}^{(2)} - \mu_{20}^{(1)}\mu_{41}^{(1)}\mu_{30}^{(2)}\mu_{08}^{(2)} - 12\mu_{21}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{14}^{(2)} \\
& - 3\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{17}^{(2)} + 12\mu_{20}^{(1)}\mu_{44}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} + 3\mu_{20}^{(1)}\mu_{41}^{(1)}\mu_{21}^{(2)}\mu_{17}^{(2)} \\
& - 6\mu_{21}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} - 9\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{26}^{(2)} + 18\mu_{20}^{(1)}\mu_{44}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} \\
& - 3\mu_{20}^{(1)}\mu_{41}^{(1)}\mu_{12}^{(2)}\mu_{26}^{(2)} + 18\mu_{21}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)} + 12\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{35}^{(2)} \\
& + 4\mu_{20}^{(1)}\mu_{44}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} + \mu_{20}^{(1)}\mu_{41}^{(1)}\mu_{03}^{(2)}\mu_{35}^{(2)} - 4\mu_{20}^{(1)}\mu_{35}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)} \\
& + 4\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{30}^{(2)}\mu_{17}^{(2)} + 18\mu_{21}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)} + 12\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{26}^{(2)} \\
& - 18\mu_{20}^{(1)}\mu_{35}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} - 12\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{21}^{(2)}\mu_{26}^{(2)} - 6\mu_{21}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} \\
& + 6\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{35}^{(2)} - 12\mu_{20}^{(1)}\mu_{35}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} + 12\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{35}^{(2)} \\
& - 12\mu_{21}^{(1)}\mu_{35}^{(1)}\mu_{02}^{(2)}\mu_{41}^{(2)} - 18\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{44}^{(2)} - \mu_{20}^{(1)}\mu_{35}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} \\
& - 4\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{03}^{(2)}\mu_{44}^{(2)} + 6\mu_{20}^{(1)}\mu_{26}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)} - 6\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{26}^{(2)} \\
& - 12\mu_{21}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)} - 18\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{35}^{(2)} + 12\mu_{20}^{(1)}\mu_{26}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} \\
& + 18\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{35}^{(2)} + 9\mu_{21}^{(1)}\mu_{26}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} + 6\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{44}^{(2)} \\
& + 3\mu_{20}^{(1)}\mu_{26}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} - 18\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{44}^{(2)} + 3\mu_{21}^{(1)}\mu_{26}^{(1)}\mu_{02}^{(2)}\mu_{50}^{(2)} \\
& + 12\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{53}^{(2)} + 6\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{03}^{(2)}\mu_{53}^{(2)} - 4\mu_{20}^{(1)}\mu_{17}^{(1)}\mu_{30}^{(2)}\mu_{32}^{(2)} \\
& + 4\mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{35}^{(2)} + 3\mu_{21}^{(1)}\mu_{17}^{(1)}\mu_{20}^{(2)}\mu_{41}^{(2)} + 12\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{44}^{(2)} \\
& - 3\mu_{20}^{(1)}\mu_{17}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} - 12\mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{44}^{(2)} - 3\mu_{21}^{(1)}\mu_{17}^{(1)}\mu_{11}^{(2)}\mu_{50}^{(2)} \\
& - 9\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{53}^{(2)} + 12\mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{12}^{(2)}\mu_{53}^{(2)} - 3\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{62}^{(2)} \\
& - 4\mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{03}^{(2)}\mu_{62}^{(2)} + \mu_{20}^{(1)}\mu_{08}^{(1)}\mu_{30}^{(2)}\mu_{41}^{(2)} - \mu_{20}^{(1)}\mu_{05}^{(1)}\mu_{30}^{(2)}\mu_{44}^{(2)} \\
& - 3\mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{53}^{(2)} + 3\mu_{20}^{(1)}\mu_{05}^{(1)}\mu_{21}^{(2)}\mu_{53}^{(2)} + 3\mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{62}^{(2)} \\
& - 3\mu_{20}^{(1)}\mu_{05}^{(1)}\mu_{12}^{(2)}\mu_{62}^{(2)} + \mu_{20}^{(1)}\mu_{05}^{(1)}\mu_{03}^{(2)}\mu_{71}^{(2)} + \mu_{11}^{(1)}\mu_{80}^{(1)}\mu_{03}^{(2)}\mu_{05}^{(2)} \\
& + 3\mu_{12}^{(1)}\mu_{71}^{(1)}\mu_{11}^{(2)}\mu_{05}^{(2)} - 3\mu_{11}^{(1)}\mu_{71}^{(1)}\mu_{12}^{(2)}\mu_{05}^{(2)} - 3\mu_{12}^{(1)}\mu_{71}^{(1)}\mu_{02}^{(2)}\mu_{14}^{(2)} \\
& - 3\mu_{11}^{(1)}\mu_{71}^{(1)}\mu_{03}^{(2)}\mu_{14}^{(2)} - 3\mu_{12}^{(1)}\mu_{62}^{(1)}\mu_{20}^{(2)}\mu_{05}^{(2)} + 3\mu_{11}^{(1)}\mu_{62}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} \\
& - 9\mu_{12}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} + 9\mu_{11}^{(1)}\mu_{62}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} + 12\mu_{12}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} \\
& + 2\mu_{11}^{(1)}\mu_{62}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)} - \mu_{11}^{(1)}\mu_{53}^{(1)}\mu_{30}^{(2)}\mu_{05}^{(2)} + \mu_{11}^{(1)}\mu_{50}^{(1)}\mu_{30}^{(2)}\mu_{08}^{(2)}
\end{aligned}
$$

$$
\begin{aligned}
&+12\mu^{(1)}_{12}\mu^{(1)}_{53}\mu^{(2)}_{20}\mu^{(2)}_{14} - 9\mu^{(1)}_{11}\mu^{(1)}_{53}\mu^{(2)}_{21}\mu^{(2)}_{14} - 3\mu^{(1)}_{11}\mu^{(1)}_{50}\mu^{(2)}_{21}\mu^{(2)}_{17} \\
&+6\mu^{(1)}_{12}\mu^{(1)}_{53}\mu^{(2)}_{11}\mu^{(2)}_{23} - 3\mu^{(1)}_{12}\mu^{(1)}_{50}\mu^{(2)}_{11}\mu^{(2)}_{26} - 6\mu^{(1)}_{11}\mu^{(1)}_{53}\mu^{(2)}_{12}\mu^{(2)}_{23} \\
&+3\mu^{(1)}_{11}\mu^{(1)}_{50}\mu^{(2)}_{12}\mu^{(2)}_{26} - 18\mu^{(1)}_{12}\mu^{(1)}_{53}\mu^{(2)}_{02}\mu^{(2)}_{32} + 3\mu^{(1)}_{12}\mu^{(1)}_{50}\mu^{(2)}_{02}\mu^{(2)}_{35} \\
&+2\mu^{(1)}_{11}\mu^{(1)}_{53}\mu^{(2)}_{03}\mu^{(2)}_{32} - \mu^{(1)}_{11}\mu^{(1)}_{50}\mu^{(2)}_{03}\mu^{(2)}_{35} + 3\mu^{(1)}_{11}\mu^{(1)}_{44}\mu^{(2)}_{30}\mu^{(2)}_{14} \\
&-3\mu^{(1)}_{11}\mu^{(1)}_{41}\mu^{(2)}_{30}\mu^{(2)}_{17} - 18\mu^{(1)}_{12}\mu^{(1)}_{44}\mu^{(2)}_{20}\mu^{(2)}_{23} + 3\mu^{(1)}_{12}\mu^{(1)}_{41}\mu^{(2)}_{20}\mu^{(2)}_{26} \\
&+6\mu^{(1)}_{11}\mu^{(1)}_{44}\mu^{(2)}_{21}\mu^{(2)}_{23} + 9\mu^{(1)}_{11}\mu^{(1)}_{41}\mu^{(2)}_{21}\mu^{(2)}_{26} + 6\mu^{(1)}_{12}\mu^{(1)}_{44}\mu^{(2)}_{11}\mu^{(2)}_{32} \\
&+9\mu^{(1)}_{12}\mu^{(1)}_{41}\mu^{(2)}_{11}\mu^{(2)}_{35} - 6\mu^{(1)}_{11}\mu^{(1)}_{44}\mu^{(2)}_{12}\mu^{(2)}_{32} - 9\mu^{(1)}_{11}\mu^{(1)}_{41}\mu^{(2)}_{12}\mu^{(2)}_{35} \\
&+12\mu^{(1)}_{12}\mu^{(1)}_{44}\mu^{(2)}_{02}\mu^{(2)}_{41} - 12\mu^{(1)}_{12}\mu^{(1)}_{41}\mu^{(2)}_{02}\mu^{(2)}_{44} - 3\mu^{(1)}_{11}\mu^{(1)}_{44}\mu^{(2)}_{03}\mu^{(2)}_{41} \\
&+3\mu^{(1)}_{11}\mu^{(1)}_{41}\mu^{(2)}_{03}\mu^{(2)}_{44} - 2\mu^{(1)}_{11}\mu^{(1)}_{35}\mu^{(2)}_{30}\mu^{(2)}_{23} + 2\mu^{(1)}_{11}\mu^{(1)}_{32}\mu^{(2)}_{30}\mu^{(2)}_{26} \\
&+12\mu^{(1)}_{12}\mu^{(1)}_{35}\mu^{(2)}_{20}\mu^{(2)}_{32} - 12\mu^{(1)}_{12}\mu^{(1)}_{32}\mu^{(2)}_{20}\mu^{(2)}_{35} + 6\mu^{(1)}_{11}\mu^{(1)}_{35}\mu^{(2)}_{21}\mu^{(2)}_{32} \\
&-6\mu^{(1)}_{11}\mu^{(1)}_{32}\mu^{(2)}_{21}\mu^{(2)}_{35} - 9\mu^{(1)}_{12}\mu^{(1)}_{35}\mu^{(2)}_{11}\mu^{(2)}_{41} - 6\mu^{(1)}_{12}\mu^{(1)}_{32}\mu^{(2)}_{11}\mu^{(2)}_{44} \\
&+9\mu^{(1)}_{11}\mu^{(1)}_{35}\mu^{(2)}_{12}\mu^{(2)}_{41} + 6\mu^{(1)}_{11}\mu^{(1)}_{32}\mu^{(2)}_{12}\mu^{(2)}_{44} - 3\mu^{(1)}_{12}\mu^{(1)}_{35}\mu^{(2)}_{02}\mu^{(2)}_{50} \\
&+18\mu^{(1)}_{12}\mu^{(1)}_{32}\mu^{(2)}_{02}\mu^{(2)}_{53} + \mu^{(1)}_{11}\mu^{(1)}_{35}\mu^{(2)}_{03}\mu^{(2)}_{50} - 2\mu^{(1)}_{11}\mu^{(1)}_{32}\mu^{(2)}_{03}\mu^{(2)}_{53} \\
&-2\mu^{(1)}_{11}\mu^{(1)}_{26}\mu^{(2)}_{30}\mu^{(2)}_{32} + 2\mu^{(1)}_{11}\mu^{(1)}_{23}\mu^{(2)}_{30}\mu^{(2)}_{35} - 3\mu^{(1)}_{12}\mu^{(1)}_{26}\mu^{(2)}_{20}\mu^{(2)}_{41} \\
&+18\mu^{(1)}_{12}\mu^{(1)}_{23}\mu^{(2)}_{20}\mu^{(2)}_{44} - 9\mu^{(1)}_{11}\mu^{(1)}_{26}\mu^{(2)}_{21}\mu^{(2)}_{41} - 6\mu^{(1)}_{11}\mu^{(1)}_{23}\mu^{(2)}_{21}\mu^{(2)}_{44} \\
&+3\mu^{(1)}_{12}\mu^{(1)}_{26}\mu^{(2)}_{11}\mu^{(2)}_{50} - 6\mu^{(1)}_{12}\mu^{(1)}_{23}\mu^{(2)}_{11}\mu^{(2)}_{53} - 3\mu^{(1)}_{11}\mu^{(1)}_{26}\mu^{(2)}_{12}\mu^{(2)}_{50} \\
&+6\mu^{(1)}_{11}\mu^{(1)}_{23}\mu^{(2)}_{12}\mu^{(2)}_{53} - 12\mu^{(1)}_{12}\mu^{(1)}_{23}\mu^{(2)}_{02}\mu^{(2)}_{62} - 2\mu^{(1)}_{11}\mu^{(1)}_{23}\mu^{(2)}_{03}\mu^{(2)}_{62} \\
&+3\mu^{(1)}_{11}\mu^{(1)}_{17}\mu^{(2)}_{30}\mu^{(2)}_{41} - 3\mu^{(1)}_{11}\mu^{(1)}_{14}\mu^{(2)}_{30}\mu^{(2)}_{44} - 12\mu^{(1)}_{12}\mu^{(1)}_{14}\mu^{(2)}_{20}\mu^{(2)}_{53} \\
&+3\mu^{(1)}_{11}\mu^{(1)}_{17}\mu^{(2)}_{21}\mu^{(2)}_{50} + 9\mu^{(1)}_{11}\mu^{(1)}_{14}\mu^{(2)}_{21}\mu^{(2)}_{53} + 9\mu^{(1)}_{12}\mu^{(1)}_{14}\mu^{(2)}_{11}\mu^{(2)}_{62} \\
&-9\mu^{(1)}_{11}\mu^{(1)}_{14}\mu^{(2)}_{12}\mu^{(2)}_{62} + 3\mu^{(1)}_{12}\mu^{(1)}_{14}\mu^{(2)}_{02}\mu^{(2)}_{71} + 3\mu^{(1)}_{11}\mu^{(1)}_{14}\mu^{(2)}_{03}\mu^{(2)}_{71} \\
&-\mu^{(1)}_{11}\mu^{(1)}_{08}\mu^{(2)}_{30}\mu^{(2)}_{50} + \mu^{(1)}_{11}\mu^{(1)}_{05}\mu^{(2)}_{30}\mu^{(2)}_{53} + 3\mu^{(1)}_{12}\mu^{(1)}_{05}\mu^{(2)}_{20}\mu^{(2)}_{62} \\
&-3\mu^{(1)}_{11}\mu^{(1)}_{05}\mu^{(2)}_{21}\mu^{(2)}_{62} - 3\mu^{(1)}_{12}\mu^{(1)}_{05}\mu^{(2)}_{11}\mu^{(2)}_{71} + 3\mu^{(1)}_{11}\mu^{(1)}_{05}\mu^{(2)}_{12}\mu^{(2)}_{71} \\
&-\mu^{(1)}_{11}\mu^{(1)}_{05}\mu^{(2)}_{03}\mu^{(2)}_{80} - \mu^{(1)}_{03}\mu^{(1)}_{80}\mu^{(2)}_{11}\mu^{(2)}_{05} + \mu^{(1)}_{03}\mu^{(1)}_{80}\mu^{(2)}_{02}\mu^{(2)}_{14} \\
&-\mu^{(1)}_{02}\mu^{(1)}_{80}\mu^{(2)}_{03}\mu^{(2)}_{14} + \mu^{(1)}_{03}\mu^{(1)}_{71}\mu^{(2)}_{20}\mu^{(2)}_{05} + 3\mu^{(1)}_{03}\mu^{(1)}_{71}\mu^{(2)}_{11}\mu^{(2)}_{14} \\
&+3\mu^{(1)}_{02}\mu^{(1)}_{71}\mu^{(2)}_{12}\mu^{(2)}_{14} - 4\mu^{(1)}_{03}\mu^{(1)}_{71}\mu^{(2)}_{02}\mu^{(2)}_{23} + 4\mu^{(1)}_{02}\mu^{(1)}_{71}\mu^{(2)}_{03}\mu^{(2)}_{23} \\
&-4\mu^{(1)}_{03}\mu^{(1)}_{62}\mu^{(2)}_{20}\mu^{(2)}_{14} - 3\mu^{(1)}_{02}\mu^{(1)}_{62}\mu^{(2)}_{21}\mu^{(2)}_{14} - 2\mu^{(1)}_{03}\mu^{(1)}_{62}\mu^{(2)}_{11}\mu^{(2)}_{23} \\
&-12\mu^{(1)}_{02}\mu^{(1)}_{62}\mu^{(2)}_{12}\mu^{(2)}_{23} + 6\mu^{(1)}_{03}\mu^{(1)}_{62}\mu^{(2)}_{02}\mu^{(2)}_{32} - 6\mu^{(1)}_{02}\mu^{(1)}_{62}\mu^{(2)}_{03}\mu^{(2)}_{32} \\
&+\mu^{(1)}_{02}\mu^{(1)}_{53}\mu^{(2)}_{30}\mu^{(2)}_{14} - \mu^{(1)}_{02}\mu^{(1)}_{50}\mu^{(2)}_{30}\mu^{(2)}_{17} + 6\mu^{(1)}_{03}\mu^{(1)}_{53}\mu^{(2)}_{20}\mu^{(2)}_{23} \\
&+12\mu^{(1)}_{02}\mu^{(1)}_{53}\mu^{(2)}_{21}\mu^{(2)}_{23} + 3\mu^{(1)}_{02}\mu^{(1)}_{50}\mu^{(2)}_{21}\mu^{(2)}_{26} - 2\mu^{(1)}_{03}\mu^{(1)}_{53}\mu^{(2)}_{11}\mu^{(2)}_{32} \\
&+\mu^{(1)}_{03}\mu^{(1)}_{50}\mu^{(2)}_{11}\mu^{(2)}_{35} + 18\mu^{(1)}_{02}\mu^{(1)}_{53}\mu^{(2)}_{12}\mu^{(2)}_{32} - 3\mu^{(1)}_{02}\mu^{(1)}_{50}\mu^{(2)}_{12}\mu^{(2)}_{35} \\
&-4\mu^{(1)}_{03}\mu^{(1)}_{53}\mu^{(2)}_{02}\mu^{(2)}_{41} - \mu^{(1)}_{03}\mu^{(1)}_{50}\mu^{(2)}_{02}\mu^{(2)}_{44} + 4\mu^{(1)}_{02}\mu^{(1)}_{53}\mu^{(2)}_{03}\mu^{(2)}_{41} \\
&+\mu^{(1)}_{02}\mu^{(1)}_{50}\mu^{(2)}_{03}\mu^{(2)}_{44} - 4\mu^{(1)}_{02}\mu^{(1)}_{44}\mu^{(2)}_{30}\mu^{(2)}_{23} + 4\mu^{(1)}_{02}\mu^{(1)}_{41}\mu^{(2)}_{30}\mu^{(2)}_{26} \\
&-4\mu^{(1)}_{03}\mu^{(1)}_{44}\mu^{(2)}_{20}\mu^{(2)}_{32} - \mu^{(1)}_{03}\mu^{(1)}_{41}\mu^{(2)}_{20}\mu^{(2)}_{35} - 18\mu^{(1)}_{02}\mu^{(1)}_{44}\mu^{(2)}_{21}\mu^{(2)}_{32} \\
&-12\mu^{(1)}_{02}\mu^{(1)}_{41}\mu^{(2)}_{21}\mu^{(2)}_{35} + 3\mu^{(1)}_{03}\mu^{(1)}_{44}\mu^{(2)}_{11}\mu^{(2)}_{41} - 3\mu^{(1)}_{03}\mu^{(1)}_{41}\mu^{(2)}_{11}\mu^{(2)}_{44} \\
&-12\mu^{(1)}_{02}\mu^{(1)}_{44}\mu^{(2)}_{12}\mu^{(2)}_{41} + 12\mu^{(1)}_{02}\mu^{(1)}_{41}\mu^{(2)}_{12}\mu^{(2)}_{44} + \mu^{(1)}_{03}\mu^{(1)}_{44}\mu^{(2)}_{02}\mu^{(2)}_{50} \\
&+4\mu^{(1)}_{03}\mu^{(1)}_{41}\mu^{(2)}_{02}\mu^{(2)}_{53} - \mu^{(1)}_{02}\mu^{(1)}_{44}\mu^{(2)}_{03}\mu^{(2)}_{50} - 4\mu^{(1)}_{02}\mu^{(1)}_{41}\mu^{(2)}_{03}\mu^{(2)}_{53} \\
&+6\mu^{(1)}_{02}\mu^{(1)}_{35}\mu^{(2)}_{30}\mu^{(2)}_{32} - 6\mu^{(1)}_{02}\mu^{(1)}_{32}\mu^{(2)}_{30}\mu^{(2)}_{35} + \mu^{(1)}_{03}\mu^{(1)}_{35}\mu^{(2)}_{20}\mu^{(2)}_{41} \\
&+4\mu^{(1)}_{03}\mu^{(1)}_{32}\mu^{(2)}_{20}\mu^{(2)}_{44} + 12\mu^{(1)}_{02}\mu^{(1)}_{35}\mu^{(2)}_{21}\mu^{(2)}_{41} + 18\mu^{(1)}_{02}\mu^{(1)}_{32}\mu^{(2)}_{21}\mu^{(2)}_{44} \\
&-\mu^{(1)}_{03}\mu^{(1)}_{35}\mu^{(2)}_{11}\mu^{(2)}_{50} + 2\mu^{(1)}_{03}\mu^{(1)}_{32}\mu^{(2)}_{11}\mu^{(2)}_{53} + 3\mu^{(1)}_{02}\mu^{(1)}_{35}\mu^{(2)}_{12}\mu^{(2)}_{50}
\end{aligned}
$$

$$-18\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{12}^{(2)}\mu_{53}^{(2)} - 6\mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{62}^{(2)} + 6\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{03}^{(2)}\mu_{62}^{(2)}$$
$$-4\mu_{02}^{(1)}\mu_{26}^{(1)}\mu_{30}^{(2)}\mu_{41}^{(2)} + 4\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{30}^{(2)}\mu_{44}^{(2)} - 6\mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{53}^{(2)}$$
$$-3\mu_{02}^{(1)}\mu_{26}^{(1)}\mu_{21}^{(2)}\mu_{50}^{(2)} - 12\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{21}^{(2)}\mu_{53}^{(2)} + 2\mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{62}^{(2)}$$
$$+12\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{12}^{(2)}\mu_{62}^{(2)} + 4\mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{71}^{(2)} - 4\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{03}^{(2)}\mu_{71}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{17}^{(1)}\mu_{30}^{(2)}\mu_{50}^{(2)} - \mu_{02}^{(1)}\mu_{14}^{(1)}\mu_{30}^{(2)}\mu_{53}^{(2)} + 4\mu_{03}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{62}^{(2)}$$
$$+3\mu_{02}^{(1)}\mu_{14}^{(1)}\mu_{21}^{(2)}\mu_{62}^{(2)} - 3\mu_{03}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{71}^{(2)} - 3\mu_{02}^{(1)}\mu_{14}^{(1)}\mu_{12}^{(2)}\mu_{71}^{(2)}$$
$$-\mu_{03}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{80}^{(2)} + \mu_{02}^{(1)}\mu_{14}^{(1)}\mu_{03}^{(2)}\mu_{80}^{(2)} - \mu_{03}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{71}^{(2)}$$
$$+\mu_{03}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{80}^{(2)}$$

weight=9

structure: 1,1,0,1,0,0,1

Generating graph:

$$\begin{array}{ccccccccc} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 \\ 2 & 2 & 2 & 2 & 3 & 3 & 3 & 4 & 4 \end{array} \qquad \begin{array}{cc} 1 & 3 \\ 2 & 4 \end{array}$$

$$
\begin{aligned}
V_{72} \;=\; & \mu_{50}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{03}^{(2)} - \mu_{50}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} - 3\mu_{50}^{(1)}\mu_{35}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} \\
& +3\mu_{50}^{(1)}\mu_{26}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} + 3\mu_{50}^{(1)}\mu_{26}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} - 3\mu_{50}^{(1)}\mu_{17}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} \\
& -\mu_{50}^{(1)}\mu_{17}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} + \mu_{50}^{(1)}\mu_{08}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} - 4\mu_{41}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{03}^{(2)} \\
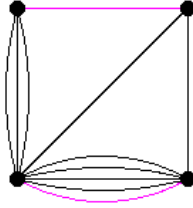& +3\mu_{41}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} + 12\mu_{41}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} + \mu_{41}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} \\
& -9\mu_{41}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} - 12\mu_{41}^{(1)}\mu_{35}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} - 3\mu_{41}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} \\
& +9\mu_{41}^{(1)}\mu_{26}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} + 4\mu_{41}^{(1)}\mu_{26}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} + 3\mu_{41}^{(1)}\mu_{17}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} \\
& -3\mu_{41}^{(1)}\mu_{17}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} - \mu_{41}^{(1)}\mu_{08}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)} + 6\mu_{32}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{03}^{(2)} \\
& -2\mu_{32}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} - \mu_{30}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{08}^{(2)} - 18\mu_{32}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} \\
& +\mu_{30}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{17}^{(2)} - 4\mu_{32}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} + \mu_{30}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{08}^{(2)} \\
& +6\mu_{32}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} + 3\mu_{30}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{17}^{(2)} + 18\mu_{32}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& -4\mu_{30}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{26}^{(2)} + 12\mu_{32}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - 4\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{17}^{(2)} \\
& -6\mu_{32}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} - 2\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{26}^{(2)} - 6\mu_{32}^{(1)}\mu_{35}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& +6\mu_{30}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{35}^{(2)} - 12\mu_{32}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} + 6\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{26}^{(2)} \\
& +2\mu_{32}^{(1)}\mu_{26}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} - 2\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{35}^{(2)} - 4\mu_{30}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{44}^{(2)} \\
& +4\mu_{32}^{(1)}\mu_{17}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)} - 4\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{35}^{(2)} + 3\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{44}^{(2)} \\
& +\mu_{30}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{53}^{(2)} + \mu_{30}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{44}^{(2)} - \mu_{30}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{53}^{(2)} \\
& -4\mu_{23}^{(1)}\mu_{71}^{(1)}\mu_{02}^{(2)}\mu_{03}^{(2)} - \mu_{20}^{(1)}\mu_{71}^{(1)}\mu_{03}^{(2)}\mu_{05}^{(2)} - 2\mu_{23}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} \\
& +3\mu_{20}^{(1)}\mu_{62}^{(1)}\mu_{12}^{(2)}\mu_{05}^{(2)} + 12\mu_{23}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} + 4\mu_{20}^{(1)}\mu_{62}^{(1)}\mu_{03}^{(2)}\mu_{14}^{(2)} \\
& +6\mu_{23}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} - 3\mu_{20}^{(1)}\mu_{53}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} + 6\mu_{23}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
& +3\mu_{21}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{17}^{(2)} - 12\mu_{20}^{(1)}\mu_{53}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} - 12\mu_{23}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& -3\mu_{21}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{26}^{(2)} - 6\mu_{20}^{(1)}\mu_{53}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)} + \mu_{20}^{(1)}\mu_{44}^{(1)}\mu_{30}^{(2)}\mu_{05}^{(2)} \\
& -18\mu_{23}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - 3\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{17}^{(2)} + 12\mu_{20}^{(1)}\mu_{44}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} \\
& -6\mu_{23}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} - 9\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{26}^{(2)} + 18\mu_{20}^{(1)}\mu_{44}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} \\
& +4\mu_{23}^{(1)}\mu_{44}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} + 12\mu_{21}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{35}^{(2)} + 4\mu_{20}^{(1)}\mu_{44}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{41}^{(2)}\mu_{08}^{(2)} - 4\mu_{20}^{(1)}\mu_{35}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)} + 4\mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{32}^{(2)}\mu_{17}^{(2)} \\
& +18\mu_{23}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} + 12\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{26}^{(2)} - 18\mu_{20}^{(1)}\mu_{35}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} \\
& -6\mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{23}^{(2)}\mu_{26}^{(2)} + 2\mu_{23}^{(1)}\mu_{35}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} + 6\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{35}^{(2)} \\
& -12\mu_{20}^{(1)}\mu_{35}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} + 4\mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{14}^{(2)}\mu_{35}^{(2)} - 18\mu_{21}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{44}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{35}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} - \mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{05}^{(2)}\mu_{44}^{(2)} + 3\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{41}^{(2)}\mu_{17}^{(2)} \\
& +6\mu_{20}^{(1)}\mu_{26}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)} - 12\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{32}^{(2)}\mu_{26}^{(2)} - 6\mu_{23}^{(1)}\mu_{26}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)} \\
& -18\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{35}^{(2)} + 12\mu_{20}^{(1)}\mu_{26}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} + 18\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{23}^{(2)}\mu_{35}^{(2)} \\
& +6\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{44}^{(2)} + 3\mu_{20}^{(1)}\mu_{26}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} - 12\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{14}^{(2)}\mu_{44}^{(2)} \\
& +12\mu_{21}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{53}^{(2)} + 3\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{05}^{(2)}\mu_{53}^{(2)} - 3\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{41}^{(2)}\mu_{26}^{(2)} \\
& -4\mu_{20}^{(1)}\mu_{17}^{(1)}\mu_{30}^{(2)}\mu_{32}^{(2)} + 12\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{32}^{(2)}\mu_{35}^{(2)} + 12\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{44}^{(2)} \\
& -3\mu_{20}^{(1)}\mu_{17}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} - 18\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{23}^{(2)}\mu_{44}^{(2)} - 9\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{53}^{(2)} \\
& +12\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{14}^{(2)}\mu_{53}^{(2)} - 3\mu_{21}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{62}^{(2)} - 3\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{05}^{(2)}\mu_{62}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{41}^{(2)}\mu_{35}^{(2)} + \mu_{20}^{(1)}\mu_{08}^{(1)}\mu_{30}^{(2)}\mu_{41}^{(2)} - 4\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{32}^{(2)}\mu_{44}^{(2)} \\
& -3\mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{53}^{(2)} + 6\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{23}^{(2)}\mu_{53}^{(2)} + 3\mu_{21}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{62}^{(2)} \\
& -4\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{14}^{(2)}\mu_{62}^{(2)} + \mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{05}^{(2)}\mu_{71}^{(2)} + \mu_{14}^{(1)}\mu_{80}^{(1)}\mu_{02}^{(2)}\mu_{03}^{(2)}
\end{aligned}
$$

$$+\mu_{11}^{(1)}\mu_{80}^{(1)}\mu_{03}^{(2)}\mu_{05}^{(2)} + 3\mu_{14}^{(1)}\mu_{71}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} - 3\mu_{11}^{(1)}\mu_{71}^{(1)}\mu_{12}^{(2)}\mu_{05}^{(2)}$$
$$-3\mu_{14}^{(1)}\mu_{71}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} - 3\mu_{11}^{(1)}\mu_{71}^{(1)}\mu_{03}^{(2)}\mu_{14}^{(2)} - 4\mu_{14}^{(1)}\mu_{62}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)}$$
$$+3\mu_{11}^{(1)}\mu_{62}^{(1)}\mu_{21}^{(2)}\mu_{05}^{(2)} - 9\mu_{14}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} + 9\mu_{11}^{(1)}\mu_{62}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)}$$
$$+3\mu_{14}^{(1)}\mu_{62}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} + 2\mu_{11}^{(1)}\mu_{62}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)} - \mu_{11}^{(1)}\mu_{53}^{(1)}\mu_{30}^{(2)}\mu_{05}^{(2)}$$
$$+12\mu_{14}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - 9\mu_{11}^{(1)}\mu_{53}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} + 9\mu_{14}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)}$$
$$-3\mu_{12}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{26}^{(2)} - 6\mu_{11}^{(1)}\mu_{53}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} - \mu_{14}^{(1)}\mu_{53}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)}$$
$$+3\mu_{12}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{35}^{(2)} + 2\mu_{11}^{(1)}\mu_{53}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} + 3\mu_{11}^{(1)}\mu_{44}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)}$$
$$-12\mu_{14}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} + 3\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{26}^{(2)} + 6\mu_{11}^{(1)}\mu_{44}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)}$$
$$-3\mu_{14}^{(1)}\mu_{44}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} + 9\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{35}^{(2)} - 6\mu_{11}^{(1)}\mu_{44}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)}$$
$$-12\mu_{12}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{44}^{(2)} - 3\mu_{11}^{(1)}\mu_{44}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} + \mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{50}^{(2)}\mu_{08}^{(2)}$$
$$-3\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{41}^{(2)}\mu_{17}^{(2)} - 2\mu_{11}^{(1)}\mu_{35}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)} + 2\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{32}^{(2)}\mu_{26}^{(2)}$$
$$+4\mu_{14}^{(1)}\mu_{35}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)} - 12\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{35}^{(2)} + 6\mu_{11}^{(1)}\mu_{35}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)}$$
$$+2\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{23}^{(2)}\mu_{35}^{(2)} - 6\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{44}^{(2)} + 9\mu_{11}^{(1)}\mu_{35}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)}$$
$$-3\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{14}^{(2)}\mu_{44}^{(2)} + 18\mu_{12}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{53}^{(2)} + \mu_{11}^{(1)}\mu_{35}^{(1)}\mu_{03}^{(2)}\mu_{50}^{(2)}$$
$$+\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{05}^{(2)}\mu_{53}^{(2)} - 3\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{50}^{(2)}\mu_{17}^{(2)} + 9\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{41}^{(2)}\mu_{26}^{(2)}$$
$$-2\mu_{11}^{(1)}\mu_{26}^{(1)}\mu_{30}^{(2)}\mu_{32}^{(2)} - 6\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{32}^{(2)}\mu_{35}^{(2)} + 18\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{44}^{(2)}$$
$$-9\mu_{11}^{(1)}\mu_{26}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)} - 6\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{23}^{(2)}\mu_{44}^{(2)} - 6\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{53}^{(2)}$$
$$-3\mu_{11}^{(1)}\mu_{26}^{(1)}\mu_{12}^{(2)}\mu_{50}^{(2)} + 9\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{14}^{(2)}\mu_{53}^{(2)} - 12\mu_{12}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{62}^{(2)}$$
$$-3\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{05}^{(2)}\mu_{62}^{(2)} + 3\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{50}^{(2)}\mu_{26}^{(2)} - 9\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{41}^{(2)}\mu_{35}^{(2)}$$
$$+3\mu_{11}^{(1)}\mu_{17}^{(1)}\mu_{30}^{(2)}\mu_{41}^{(2)} + 6\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{32}^{(2)}\mu_{44}^{(2)} - 12\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{53}^{(2)}$$
$$+3\mu_{11}^{(1)}\mu_{17}^{(1)}\mu_{21}^{(2)}\mu_{50}^{(2)} + 6\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{23}^{(2)}\mu_{53}^{(2)} + 9\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{62}^{(2)}$$
$$-9\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{14}^{(2)}\mu_{62}^{(2)} + 3\mu_{12}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{71}^{(2)} + 3\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{05}^{(2)}\mu_{71}^{(2)}$$
$$-\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{50}^{(2)}\mu_{35}^{(2)} + 3\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{41}^{(2)}\mu_{44}^{(2)} - \mu_{11}^{(1)}\mu_{08}^{(1)}\mu_{30}^{(2)}\mu_{50}^{(2)}$$
$$-2\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{32}^{(2)}\mu_{53}^{(2)} + 3\mu_{12}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{62}^{(2)} - 2\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{23}^{(2)}\mu_{62}^{(2)}$$
$$-3\mu_{12}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{71}^{(2)} + 3\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{14}^{(2)}\mu_{71}^{(2)} - \mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{05}^{(2)}\mu_{80}^{(2)}$$
$$-\mu_{05}^{(1)}\mu_{80}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} - \mu_{02}^{(1)}\mu_{80}^{(1)}\mu_{03}^{(2)}\mu_{14}^{(2)} + \mu_{05}^{(1)}\mu_{71}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)}$$
$$+3\mu_{05}^{(1)}\mu_{71}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} + 3\mu_{02}^{(1)}\mu_{71}^{(1)}\mu_{12}^{(2)}\mu_{14}^{(2)} + 4\mu_{02}^{(1)}\mu_{71}^{(1)}\mu_{03}^{(2)}\mu_{23}^{(2)}$$
$$-3\mu_{05}^{(1)}\mu_{62}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - 3\mu_{02}^{(1)}\mu_{62}^{(1)}\mu_{21}^{(2)}\mu_{14}^{(2)} - 3\mu_{05}^{(1)}\mu_{62}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)}$$
$$-12\mu_{02}^{(1)}\mu_{62}^{(1)}\mu_{12}^{(2)}\mu_{23}^{(2)} - 6\mu_{02}^{(1)}\mu_{62}^{(1)}\mu_{03}^{(2)}\mu_{32}^{(2)} + \mu_{02}^{(1)}\mu_{53}^{(1)}\mu_{30}^{(2)}\mu_{14}^{(2)}$$
$$+3\mu_{05}^{(1)}\mu_{53}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} + 12\mu_{02}^{(1)}\mu_{53}^{(1)}\mu_{21}^{(2)}\mu_{23}^{(2)} + \mu_{05}^{(1)}\mu_{53}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)}$$
$$+\mu_{03}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{35}^{(2)} + 18\mu_{02}^{(1)}\mu_{53}^{(1)}\mu_{12}^{(2)}\mu_{32}^{(2)} - \mu_{03}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{44}^{(2)}$$
$$+4\mu_{02}^{(1)}\mu_{53}^{(1)}\mu_{03}^{(2)}\mu_{41}^{(2)} - 4\mu_{02}^{(1)}\mu_{44}^{(1)}\mu_{30}^{(2)}\mu_{23}^{(2)} - \mu_{05}^{(1)}\mu_{44}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)}$$
$$-\mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{35}^{(2)} - 18\mu_{02}^{(1)}\mu_{44}^{(1)}\mu_{21}^{(2)}\mu_{32}^{(2)} - 3\mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{44}^{(2)}$$
$$-12\mu_{02}^{(1)}\mu_{44}^{(1)}\mu_{12}^{(2)}\mu_{41}^{(2)} + 4\mu_{03}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{53}^{(2)} - \mu_{02}^{(1)}\mu_{44}^{(1)}\mu_{03}^{(2)}\mu_{50}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{50}^{(2)}\mu_{17}^{(2)} + 4\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{41}^{(2)}\mu_{26}^{(2)} + 6\mu_{02}^{(1)}\mu_{35}^{(1)}\mu_{30}^{(2)}\mu_{32}^{(2)}$$
$$-6\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{32}^{(2)}\mu_{35}^{(2)} + 4\mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{44}^{(2)} + 12\mu_{02}^{(1)}\mu_{35}^{(1)}\mu_{21}^{(2)}\mu_{41}^{(2)}$$
$$+4\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{23}^{(2)}\mu_{44}^{(2)} + 2\mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{53}^{(2)} + 3\mu_{02}^{(1)}\mu_{35}^{(1)}\mu_{12}^{(2)}\mu_{50}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{14}^{(2)}\mu_{53}^{(2)} - 6\mu_{03}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{62}^{(2)} + 3\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{50}^{(2)}\mu_{26}^{(2)}$$
$$-12\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{41}^{(2)}\mu_{35}^{(2)} - 4\mu_{02}^{(1)}\mu_{26}^{(1)}\mu_{30}^{(2)}\mu_{41}^{(2)} + 18\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{32}^{(2)}\mu_{44}^{(2)}$$

$$-6\mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{53}^{(2)} - 3\mu_{02}^{(1)}\mu_{26}^{(1)}\mu_{21}^{(2)}\mu_{50}^{(2)} - 12\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{23}^{(2)}\mu_{53}^{(2)}$$
$$+2\mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{62}^{(2)} + 3\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{14}^{(2)}\mu_{62}^{(2)} + 4\mu_{03}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{71}^{(2)}$$
$$-3\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{50}^{(2)}\mu_{35}^{(2)} + 12\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{41}^{(2)}\mu_{44}^{(2)} + \mu_{02}^{(1)}\mu_{17}^{(1)}\mu_{30}^{(2)}\mu_{50}^{(2)}$$
$$-18\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{32}^{(2)}\mu_{53}^{(2)} + 4\mu_{03}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{62}^{(2)} + 12\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{23}^{(2)}\mu_{62}^{(2)}$$
$$-3\mu_{03}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{71}^{(2)} - 3\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{14}^{(2)}\mu_{71}^{(2)} - \mu_{03}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{80}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{50}^{(2)}\mu_{44}^{(2)} - 4\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{41}^{(2)}\mu_{53}^{(2)} + 6\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{32}^{(2)}\mu_{62}^{(2)}$$
$$-\mu_{03}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{71}^{(2)} - 4\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{23}^{(2)}\mu_{71}^{(2)} + \mu_{03}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{80}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{14}^{(2)}\mu_{80}^{(2)}$$

weight=9
structure: 1,1,0,1,0,0,1
Generating graph:

$$
\begin{array}{ccccccccc@{\quad}cc}
1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 & 1 & 2 \\
2 & 2 & 2 & 2 & 3 & 3 & 3 & 4 & 4 & 3 & 4
\end{array}
$$
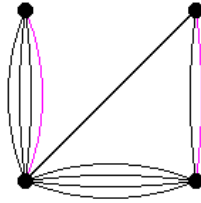
Invariants of the order 9

$$
\begin{aligned}
V_{73} = \ & \mu_{90}^{(1)}\mu_{09}^{(2)} - 9\mu_{81}^{(1)}\mu_{18}^{(2)} + 36\mu_{72}^{(1)}\mu_{27}^{(2)} - 84\mu_{63}^{(1)}\mu_{36}^{(2)} + 126\mu_{54}^{(1)}\mu_{45}^{(2)} - 126\mu_{45}^{(1)}\mu_{54}^{(2)} \\
& +84\mu_{36}^{(1)}\mu_{63}^{(2)} - 36\mu_{27}^{(1)}\mu_{72}^{(2)} + 9\mu_{18}^{(1)}\mu_{81}^{(2)} - \mu_{09}^{(1)}\mu_{90}^{(2)}
\end{aligned}
$$

weight=9
structure: 0,0,0,0,0,0,0,2
Generating graph:

$$
\begin{array}{ccccccccc@{\quad}c}
1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 \\
2 & 2 & 2 & 2 & 2 & 2 & 2 & 2 & 2 & 2
\end{array}
$$
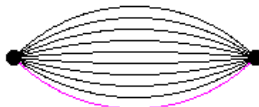
$$
\begin{aligned}
V_{74} \;=\; & -\mu_{50}^{(1)}\mu_{45}^{(1)}(\mu_{02}^{(2)})^2 + 4\mu_{50}^{(1)}\mu_{36}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} - 2\mu_{50}^{(1)}\mu_{27}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} \\
& -4\mu_{50}^{(1)}\mu_{27}^{(1)}(\mu_{11}^{(2)})^2 + 4\mu_{50}^{(1)}\mu_{18}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} - \mu_{50}^{(1)}\mu_{09}^{(1)}(\mu_{20}^{(2)})^2 + 5\mu_{41}^{(1)}\mu_{54}^{(1)}(\mu_{02}^{(2)})^2 \\
& -20\mu_{41}^{(1)}\mu_{45}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} + 10\mu_{41}^{(1)}\mu_{36}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} + 20\mu_{41}^{(1)}\mu_{36}^{(1)}(\mu_{11}^{(2)})^2 \\
& -20\mu_{41}^{(1)}\mu_{27}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} + 5\mu_{41}^{(1)}\mu_{18}^{(1)}(\mu_{20}^{(2)})^2 - 10\mu_{32}^{(1)}\mu_{63}^{(1)}(\mu_{02}^{(2)})^2 \\
& +40\mu_{32}^{(1)}\mu_{54}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} - 20\mu_{32}^{(1)}\mu_{45}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} - 40\mu_{32}^{(1)}\mu_{45}^{(1)}(\mu_{11}^{(2)})^2 \\
& +40\mu_{32}^{(1)}\mu_{36}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} - 10\mu_{32}^{(1)}\mu_{27}^{(1)}(\mu_{20}^{(2)})^2 + 10\mu_{23}^{(1)}\mu_{72}^{(1)}(\mu_{02}^{(2)})^2 \\
& -\mu_{20}^{(1)}\mu_{72}^{(1)}\mu_{02}^{(2)}\mu_{05}^{(2)} - 40\mu_{23}^{(1)}\mu_{63}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} + 2\mu_{20}^{(1)}\mu_{63}^{(1)}\mu_{11}^{(2)}\mu_{05}^{(2)} \\
& +5\mu_{20}^{(1)}\mu_{63}^{(1)}\mu_{02}^{(2)}\mu_{14}^{(2)} + 20\mu_{23}^{(1)}\mu_{54}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} - \mu_{20}^{(1)}\mu_{54}^{(1)}\mu_{20}^{(2)}\mu_{05}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{50}^{(1)}\mu_{20}^{(2)}\mu_{09}^{(2)} + 40\mu_{23}^{(1)}\mu_{54}^{(1)}(\mu_{11}^{(2)})^2 - 10\mu_{20}^{(1)}\mu_{54}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} \\
& -2\mu_{20}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{18}^{(2)} - 10\mu_{20}^{(1)}\mu_{54}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} + \mu_{20}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{27}^{(2)} \\
& -40\mu_{23}^{(1)}\mu_{45}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} + 5\mu_{20}^{(1)}\mu_{45}^{(1)}\mu_{20}^{(2)}\mu_{14}^{(2)} - 5\mu_{20}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{18}^{(2)} \\
& +20\mu_{20}^{(1)}\mu_{45}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} + 10\mu_{20}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{27}^{(2)} + 10\mu_{20}^{(1)}\mu_{45}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)} \\
& -5\mu_{20}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{36}^{(2)} + 10\mu_{23}^{(1)}\mu_{36}^{(1)}(\mu_{20}^{(2)})^2 - 10\mu_{20}^{(1)}\mu_{36}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)} \\
& +10\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{27}^{(2)} - 20\mu_{20}^{(1)}\mu_{36}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} - 20\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{36}^{(2)} \\
& -5\mu_{20}^{(1)}\mu_{36}^{(1)}\mu_{02}^{(2)}\mu_{41}^{(2)} + 10\mu_{20}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{45}^{(2)} - (\mu_{20}^{(1)})^2\mu_{50}^{(2)}\mu_{09}^{(2)} \\
& +5(\mu_{20}^{(1)})^2\mu_{41}^{(2)}\mu_{18}^{(2)} - 10(\mu_{20}^{(1)})^2\mu_{32}^{(2)}\mu_{27}^{(2)} + 10\mu_{20}^{(1)}\mu_{27}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)} \\
& -10\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{36}^{(2)} + 10(\mu_{20}^{(1)})^2\mu_{23}^{(2)}\mu_{36}^{(2)} + 10\mu_{20}^{(1)}\mu_{27}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} \\
& +20\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{45}^{(2)} - 5(\mu_{20}^{(1)})^2\mu_{14}^{(2)}\mu_{45}^{(2)} + \mu_{20}^{(1)}\mu_{27}^{(1)}\mu_{02}^{(2)}\mu_{50}^{(2)} \\
& -10\mu_{20}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{54}^{(2)} + (\mu_{20}^{(1)})^2\mu_{05}^{(2)}\mu_{54}^{(2)} + 4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{50}^{(2)}\mu_{18}^{(2)} \\
& -20\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{41}^{(2)}\mu_{27}^{(2)} + 40\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{32}^{(2)}\mu_{36}^{(2)} - 5\mu_{20}^{(1)}\mu_{18}^{(1)}\mu_{20}^{(2)}\mu_{41}^{(2)} \\
& +5\mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{45}^{(2)} - 40\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{23}^{(2)}\mu_{45}^{(2)} - 2\mu_{20}^{(1)}\mu_{18}^{(1)}\mu_{11}^{(2)}\mu_{50}^{(2)} \\
& -10\mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{54}^{(2)} + 20\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{14}^{(2)}\mu_{54}^{(2)} + 5\mu_{20}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{63}^{(2)} \\
& -4\mu_{20}^{(1)}\mu_{11}^{(1)}\mu_{05}^{(2)}\mu_{63}^{(2)} - 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{50}^{(2)}\mu_{27}^{(2)} + 10\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{41}^{(2)}\mu_{36}^{(2)} \\
& -20\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{32}^{(2)}\mu_{45}^{(2)} + \mu_{20}^{(1)}\mu_{09}^{(1)}\mu_{20}^{(2)}\mu_{50}^{(2)} - \mu_{20}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{54}^{(2)} \\
& +20\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{23}^{(2)}\mu_{54}^{(2)} + 2\mu_{20}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{63}^{(2)} - 10\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{14}^{(2)}\mu_{63}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{05}^{(1)}\mu_{02}^{(2)}\mu_{72}^{(2)} + 2\mu_{20}^{(1)}\mu_{02}^{(1)}\mu_{05}^{(2)}\mu_{72}^{(2)} - 5\mu_{14}^{(1)}\mu_{81}^{(1)}(\mu_{02}^{(2)})^2 \\
& +2\mu_{11}^{(1)}\mu_{81}^{(1)}\mu_{02}^{(2)}\mu_{05}^{(2)} + 20\mu_{14}^{(1)}\mu_{72}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} - 4\mu_{11}^{(1)}\mu_{72}^{(1)}\mu_{11}^{(2)}\mu_{05}^{(2)} \\
& -10\mu_{11}^{(1)}\mu_{72}^{(1)}\mu_{02}^{(2)}\mu_{14}^{(2)} - 10\mu_{14}^{(1)}\mu_{63}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} + 2\mu_{11}^{(1)}\mu_{63}^{(1)}\mu_{20}^{(2)}\mu_{05}^{(2)} \\
& -20\mu_{14}^{(1)}\mu_{63}^{(1)}(\mu_{11}^{(2)})^2 + 20\mu_{11}^{(1)}\mu_{63}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} + 20\mu_{11}^{(1)}\mu_{63}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} \\
& +20\mu_{14}^{(1)}\mu_{54}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)} - 10\mu_{11}^{(1)}\mu_{54}^{(1)}\mu_{20}^{(2)}\mu_{14}^{(2)} - 2\mu_{11}^{(1)}\mu_{50}^{(1)}\mu_{20}^{(2)}\mu_{18}^{(2)} \\
& -40\mu_{11}^{(1)}\mu_{54}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} + 4\mu_{11}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{27}^{(2)} - 20\mu_{11}^{(1)}\mu_{54}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{36}^{(2)} - 5\mu_{14}^{(1)}\mu_{45}^{(1)}(\mu_{20}^{(2)})^2 + 20\mu_{11}^{(1)}\mu_{45}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)} \\
& +10\mu_{11}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{27}^{(2)} + 40\mu_{11}^{(1)}\mu_{45}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} - 20\mu_{11}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{36}^{(2)} \\
& +10\mu_{11}^{(1)}\mu_{45}^{(1)}\mu_{02}^{(2)}\mu_{41}^{(2)} + 10\mu_{11}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{45}^{(2)} - 20\mu_{11}^{(1)}\mu_{36}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)} \\
& -20\mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{36}^{(2)} - 20\mu_{11}^{(1)}\mu_{36}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} + 40\mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{45}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{36}^{(1)}\mu_{02}^{(2)}\mu_{50}^{(2)} - 20\mu_{11}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{54}^{(2)} + 10\mu_{11}^{(1)}\mu_{27}^{(1)}\mu_{20}^{(2)}\mu_{41}^{(2)} \\
& +20\mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{45}^{(2)} + 4\mu_{11}^{(1)}\mu_{27}^{(1)}\mu_{11}^{(2)}\mu_{50}^{(2)} - 40\mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{54}^{(2)} \\
& +20\mu_{11}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{63}^{(2)} - 4(\mu_{11}^{(1)})^2\mu_{50}^{(2)}\mu_{27}^{(2)} + 20(\mu_{11}^{(1)})^2\mu_{41}^{(2)}\mu_{36}^{(2)} - 40(\mu_{11}^{(1)})^2\mu_{32}^{(2)}\mu_{45}^{(2)} \\
& -2\mu_{11}^{(1)}\mu_{18}^{(1)}\mu_{20}^{(2)}\mu_{50}^{(2)} - 10\mu_{11}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{54}^{(2)} + 40(\mu_{11}^{(1)})^2\mu_{23}^{(2)}\mu_{54}^{(2)}
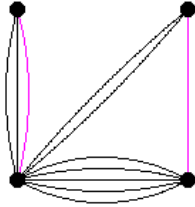\end{aligned}
$$

$$+20\mu_{11}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{63}^{(2)} - 20(\mu_{11}^{(1)})^2\mu_{14}^{(2)}\mu_{63}^{(2)} - 10\mu_{11}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{72}^{(2)}$$
$$+4(\mu_{11}^{(1)})^2\mu_{05}^{(2)}\mu_{72}^{(2)} + 4\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{50}^{(2)}\mu_{36}^{(2)} - 20\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{41}^{(2)}\mu_{45}^{(2)}$$
$$+40\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{32}^{(2)}\mu_{54}^{(2)} + 2\mu_{11}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{63}^{(2)} - 40\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{23}^{(2)}\mu_{63}^{(2)}$$
$$-4\mu_{11}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{72}^{(2)} + 20\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{14}^{(2)}\mu_{72}^{(2)} + 2\mu_{11}^{(1)}\mu_{05}^{(1)}\mu_{02}^{(2)}\mu_{81}^{(2)}$$
$$-4\mu_{11}^{(1)}\mu_{02}^{(1)}\mu_{05}^{(2)}\mu_{81}^{(2)} + \mu_{05}^{(1)}\mu_{90}^{(1)}(\mu_{02}^{(2)})^2 - \mu_{02}^{(1)}\mu_{90}^{(1)}\mu_{02}^{(2)}\mu_{05}^{(2)}$$
$$-4\mu_{05}^{(1)}\mu_{81}^{(1)}\mu_{11}^{(2)}\mu_{02}^{(2)} + 2\mu_{02}^{(1)}\mu_{81}^{(1)}\mu_{11}^{(2)}\mu_{05}^{(2)} + 5\mu_{02}^{(1)}\mu_{81}^{(1)}\mu_{02}^{(2)}\mu_{14}^{(2)}$$
$$+2\mu_{05}^{(1)}\mu_{72}^{(1)}\mu_{20}^{(2)}\mu_{02}^{(2)} - \mu_{02}^{(1)}\mu_{72}^{(1)}\mu_{20}^{(2)}\mu_{05}^{(2)} + 4\mu_{05}^{(1)}\mu_{72}^{(1)}(\mu_{11}^{(2)})^2$$
$$-10\mu_{02}^{(1)}\mu_{72}^{(1)}\mu_{11}^{(2)}\mu_{14}^{(2)} - 10\mu_{02}^{(1)}\mu_{72}^{(1)}\mu_{02}^{(2)}\mu_{23}^{(2)} - 4\mu_{05}^{(1)}\mu_{63}^{(1)}\mu_{20}^{(2)}\mu_{11}^{(2)}$$
$$+5\mu_{02}^{(1)}\mu_{63}^{(1)}\mu_{20}^{(2)}\mu_{14}^{(2)} + 20\mu_{02}^{(1)}\mu_{63}^{(1)}\mu_{11}^{(2)}\mu_{23}^{(2)} + 10\mu_{02}^{(1)}\mu_{63}^{(1)}\mu_{02}^{(2)}\mu_{32}^{(2)}$$
$$+\mu_{05}^{(1)}\mu_{54}^{(1)}(\mu_{20}^{(2)})^2 - 10\mu_{02}^{(1)}\mu_{54}^{(1)}\mu_{20}^{(2)}\mu_{23}^{(2)} + \mu_{02}^{(1)}\mu_{50}^{(1)}\mu_{20}^{(2)}\mu_{27}^{(2)}$$
$$-20\mu_{02}^{(1)}\mu_{54}^{(1)}\mu_{11}^{(2)}\mu_{32}^{(2)} - 2\mu_{02}^{(1)}\mu_{50}^{(1)}\mu_{11}^{(2)}\mu_{36}^{(2)} - 5\mu_{02}^{(1)}\mu_{54}^{(1)}\mu_{02}^{(2)}\mu_{41}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{50}^{(1)}\mu_{02}^{(2)}\mu_{45}^{(2)} + 10\mu_{02}^{(1)}\mu_{45}^{(1)}\mu_{20}^{(2)}\mu_{32}^{(2)} - 5\mu_{02}^{(1)}\mu_{41}^{(1)}\mu_{20}^{(2)}\mu_{36}^{(2)}$$
$$+10\mu_{02}^{(1)}\mu_{45}^{(1)}\mu_{11}^{(2)}\mu_{41}^{(2)} + 10\mu_{02}^{(1)}\mu_{41}^{(1)}\mu_{11}^{(2)}\mu_{45}^{(2)} + \mu_{02}^{(1)}\mu_{45}^{(1)}\mu_{02}^{(2)}\mu_{50}^{(2)}$$
$$-5\mu_{02}^{(1)}\mu_{41}^{(1)}\mu_{02}^{(2)}\mu_{54}^{(2)} - 5\mu_{02}^{(1)}\mu_{36}^{(1)}\mu_{20}^{(2)}\mu_{41}^{(2)} + 10\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{20}^{(2)}\mu_{45}^{(2)}$$
$$-2\mu_{02}^{(1)}\mu_{36}^{(1)}\mu_{11}^{(2)}\mu_{50}^{(2)} - 20\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{11}^{(2)}\mu_{54}^{(2)} + 10\mu_{02}^{(1)}\mu_{32}^{(1)}\mu_{02}^{(2)}\mu_{63}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{27}^{(1)}\mu_{20}^{(2)}\mu_{50}^{(2)} - 10\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{20}^{(2)}\mu_{54}^{(2)} + 20\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{11}^{(2)}\mu_{63}^{(2)}$$
$$-10\mu_{02}^{(1)}\mu_{23}^{(1)}\mu_{02}^{(2)}\mu_{72}^{(2)} + 5\mu_{02}^{(1)}\mu_{14}^{(1)}\mu_{20}^{(2)}\mu_{63}^{(2)} - 10\mu_{02}^{(1)}\mu_{14}^{(1)}\mu_{11}^{(2)}\mu_{72}^{(2)}$$
$$+5\mu_{02}^{(1)}\mu_{14}^{(1)}\mu_{02}^{(2)}\mu_{81}^{(2)} - (\mu_{02}^{(1)})^2\mu_{50}^{(2)}\mu_{45}^{(2)} + 5(\mu_{02}^{(1)})^2\mu_{41}^{(2)}\mu_{54}^{(2)} - 10(\mu_{02}^{(1)})^2\mu_{32}^{(2)}\mu_{63}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{05}^{(1)}\mu_{20}^{(2)}\mu_{72}^{(2)} + 10(\mu_{02}^{(1)})^2\mu_{23}^{(2)}\mu_{72}^{(2)} + 2\mu_{02}^{(1)}\mu_{05}^{(1)}\mu_{11}^{(2)}\mu_{81}^{(2)}$$
$$-5(\mu_{02}^{(1)})^2\mu_{14}^{(2)}\mu_{81}^{(2)} - \mu_{02}^{(1)}\mu_{05}^{(1)}\mu_{02}^{(2)}\mu_{90}^{(2)} + (\mu_{02}^{(1)})^2\mu_{05}^{(2)}\mu_{90}^{(2)}$$

weight=9
structure: 2,0,0,1,0,0,0,1
Generating graph:

| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 2 |
| 2 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 4 | | 3 | 4 |

$$
\begin{aligned}
V_{75} \;=\; & -\mu_{30}^{(1)}\mu_{63}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} + 2\mu_{30}^{(1)}\mu_{54}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} + 4\mu_{30}^{(1)}\mu_{54}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} \\
& -\mu_{30}^{(1)}\mu_{45}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} + \mu_{30}^{(1)}\mu_{40}^{(1)}\mu_{20}^{(2)}\mu_{09}^{(2)} - 8\mu_{30}^{(1)}\mu_{45}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} \\
& -2\mu_{30}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{18}^{(2)} - 6\mu_{30}^{(1)}\mu_{45}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} + \mu_{30}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{27}^{(2)} \\
& +4\mu_{30}^{(1)}\mu_{36}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} - 4\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{18}^{(2)} + 12\mu_{30}^{(1)}\mu_{36}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} \\
& +8\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{27}^{(2)} + 4\mu_{30}^{(1)}\mu_{36}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} - 4\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{36}^{(2)} \\
& -6\mu_{30}^{(1)}\mu_{27}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} + 6\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{27}^{(2)} - 8\mu_{30}^{(1)}\mu_{27}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} \\
& -12\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{36}^{(2)} - \mu_{30}^{(1)}\mu_{27}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} + 6\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{45}^{(2)} \\
& +4\mu_{30}^{(1)}\mu_{18}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} - 4\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{36}^{(2)} + 2\mu_{30}^{(1)}\mu_{18}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} \\
& +8\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{45}^{(2)} - 4\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{54}^{(2)} - \mu_{30}^{(1)}\mu_{09}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)} \\
& +\mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{45}^{(2)} - 2\mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{54}^{(2)} + \mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{63}^{(2)} \\
& +3\mu_{21}^{(1)}\mu_{72}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} - \mu_{20}^{(1)}\mu_{72}^{(1)}\mu_{03}^{(2)}\mu_{04}^{(2)} - 6\mu_{21}^{(1)}\mu_{63}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} \\
& +3\mu_{20}^{(1)}\mu_{63}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)} - 12\mu_{21}^{(1)}\mu_{63}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} + 4\mu_{20}^{(1)}\mu_{63}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} \\
& +3\mu_{21}^{(1)}\mu_{54}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} - 3\mu_{20}^{(1)}\mu_{54}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} + 24\mu_{21}^{(1)}\mu_{54}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} \\
& -12\mu_{20}^{(1)}\mu_{54}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} + 18\mu_{21}^{(1)}\mu_{54}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} - 6\mu_{20}^{(1)}\mu_{54}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{45}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} - \mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{30}^{(2)}\mu_{09}^{(2)} - 12\mu_{21}^{(1)}\mu_{45}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} \\
& -3\mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{20}^{(2)}\mu_{18}^{(2)} + 12\mu_{20}^{(1)}\mu_{45}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} + 3\mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{21}^{(2)}\mu_{18}^{(2)} \\
& -36\mu_{21}^{(1)}\mu_{45}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} + 6\mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{27}^{(2)} + 18\mu_{20}^{(1)}\mu_{45}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} \\
& -3\mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{27}^{(2)} - 12\mu_{21}^{(1)}\mu_{45}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} - 3\mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{36}^{(2)} \\
& +4\mu_{20}^{(1)}\mu_{45}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} + \mu_{20}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{36}^{(2)} - 4\mu_{20}^{(1)}\mu_{36}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} \\
& +4\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{30}^{(2)}\mu_{18}^{(2)} + 18\mu_{21}^{(1)}\mu_{36}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} + 12\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{27}^{(2)} \\
& -18\mu_{20}^{(1)}\mu_{36}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} - 12\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{27}^{(2)} + 24\mu_{21}^{(1)}\mu_{36}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} \\
& -24\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{36}^{(2)} - 12\mu_{20}^{(1)}\mu_{36}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} + 12\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{12}^{(2)}\mu_{36}^{(2)} \\
& +3\mu_{21}^{(1)}\mu_{36}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} + 12\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{45}^{(2)} - \mu_{20}^{(1)}\mu_{36}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} \\
& -4\mu_{20}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{45}^{(2)} + 6\mu_{20}^{(1)}\mu_{27}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} - 6\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{27}^{(2)} \\
& -12\mu_{21}^{(1)}\mu_{27}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} - 18\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{36}^{(2)} + 12\mu_{20}^{(1)}\mu_{27}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} \\
& +18\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{36}^{(2)} - 6\mu_{21}^{(1)}\mu_{27}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} + 36\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{45}^{(2)} \\
& +3\mu_{20}^{(1)}\mu_{27}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} - 18\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{45}^{(2)} - 18\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{54}^{(2)} \\
& +6\mu_{20}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{54}^{(2)} - 4\mu_{20}^{(1)}\mu_{18}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} + 4\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{36}^{(2)} \\
& +3\mu_{21}^{(1)}\mu_{18}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)} + 12\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{45}^{(2)} - 3\mu_{20}^{(1)}\mu_{18}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)} \\
& -12\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{21}^{(2)}\mu_{45}^{(2)} - 24\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{54}^{(2)} + 12\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{54}^{(2)} \\
& +12\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{63}^{(2)} - 4\mu_{20}^{(1)}\mu_{13}^{(1)}\mu_{03}^{(2)}\mu_{63}^{(2)} + \mu_{20}^{(1)}\mu_{09}^{(1)}\mu_{30}^{(2)}\mu_{40}^{(2)} \\
& -\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{45}^{(2)} - 3\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{54}^{(2)} + 3\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{54}^{(2)} \\
& +6\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{63}^{(2)} - 3\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{12}^{(2)}\mu_{63}^{(2)} - 3\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{72}^{(2)} \\
& +\mu_{20}^{(1)}\mu_{04}^{(1)}\mu_{03}^{(2)}\mu_{72}^{(2)} - 3\mu_{12}^{(1)}\mu_{81}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)} + 2\mu_{11}^{(1)}\mu_{81}^{(1)}\mu_{03}^{(2)}\mu_{04}^{(2)} \\
& +6\mu_{12}^{(1)}\mu_{72}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} - 6\mu_{11}^{(1)}\mu_{72}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)} + 12\mu_{12}^{(1)}\mu_{72}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} \\
& -8\mu_{11}^{(1)}\mu_{72}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} - 3\mu_{12}^{(1)}\mu_{63}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)} + 6\mu_{11}^{(1)}\mu_{63}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} \\
& -24\mu_{12}^{(1)}\mu_{63}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} + 24\mu_{11}^{(1)}\mu_{63}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} - 18\mu_{12}^{(1)}\mu_{63}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} \\
& +12\mu_{11}^{(1)}\mu_{63}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} - 2\mu_{11}^{(1)}\mu_{54}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} + 12\mu_{12}^{(1)}\mu_{54}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} \\
& -24\mu_{11}^{(1)}\mu_{54}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} + 36\mu_{12}^{(1)}\mu_{54}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)} - 36\mu_{11}^{(1)}\mu_{54}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)}
\end{aligned}
$$

$$+12\mu_{12}^{(1)}\mu_{54}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} - 8\mu_{11}^{(1)}\mu_{54}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} + 8\mu_{11}^{(1)}\mu_{45}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)}$$
$$+2\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{30}^{(2)}\mu_{18}^{(2)} - 18\mu_{12}^{(1)}\mu_{45}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} + 3\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{20}^{(2)}\mu_{27}^{(2)}$$
$$+36\mu_{11}^{(1)}\mu_{45}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} - 6\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{21}^{(2)}\mu_{27}^{(2)} - 24\mu_{12}^{(1)}\mu_{45}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)}$$
$$-6\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{36}^{(2)} + 24\mu_{11}^{(1)}\mu_{45}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} + 6\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{36}^{(2)}$$
$$-3\mu_{12}^{(1)}\mu_{45}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)} + 3\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{45}^{(2)} + 2\mu_{11}^{(1)}\mu_{45}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)}$$
$$-2\mu_{11}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{45}^{(2)} - 12\mu_{11}^{(1)}\mu_{36}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} - 8\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{30}^{(2)}\mu_{27}^{(2)}$$
$$+12\mu_{12}^{(1)}\mu_{36}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} - 12\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{36}^{(2)} - 24\mu_{11}^{(1)}\mu_{36}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)}$$
$$+24\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{36}^{(2)} + 6\mu_{12}^{(1)}\mu_{36}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} + 24\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{45}^{(2)}$$
$$-6\mu_{11}^{(1)}\mu_{36}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} - 24\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{12}^{(2)}\mu_{45}^{(2)} - 12\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{54}^{(2)}$$
$$+8\mu_{11}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{54}^{(2)} + 8\mu_{11}^{(1)}\mu_{27}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} + 12\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{36}^{(2)}$$
$$-3\mu_{12}^{(1)}\mu_{27}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)} + 18\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{45}^{(2)} + 6\mu_{11}^{(1)}\mu_{27}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)}$$
$$-36\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{45}^{(2)} - 36\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{54}^{(2)} + 36\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{54}^{(2)}$$
$$+18\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{63}^{(2)} - 12\mu_{11}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{63}^{(2)} - 2\mu_{11}^{(1)}\mu_{18}^{(1)}\mu_{30}^{(2)}\mu_{40}^{(2)}$$
$$-8\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{45}^{(2)} - 12\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{54}^{(2)} + 24\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{21}^{(2)}\mu_{54}^{(2)}$$
$$+24\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{63}^{(2)} - 24\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{63}^{(2)} - 12\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{72}^{(2)}$$
$$+8\mu_{11}^{(1)}\mu_{13}^{(1)}\mu_{03}^{(2)}\mu_{72}^{(2)} + 2\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{54}^{(2)} + 3\mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{63}^{(2)}$$
$$-6\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{63}^{(2)} - 6\mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{72}^{(2)} + 6\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{12}^{(2)}\mu_{72}^{(2)}$$
$$+3\mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{81}^{(2)} - 2\mu_{11}^{(1)}\mu_{04}^{(1)}\mu_{03}^{(2)}\mu_{81}^{(2)} + \mu_{03}^{(1)}\mu_{90}^{(1)}\mu_{02}^{(2)}\mu_{04}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{90}^{(1)}\mu_{03}^{(2)}\mu_{04}^{(2)} - 2\mu_{03}^{(1)}\mu_{81}^{(1)}\mu_{11}^{(2)}\mu_{04}^{(2)} + 3\mu_{02}^{(1)}\mu_{81}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)}$$
$$-4\mu_{03}^{(1)}\mu_{81}^{(1)}\mu_{02}^{(2)}\mu_{13}^{(2)} + 4\mu_{02}^{(1)}\mu_{81}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} + \mu_{03}^{(1)}\mu_{72}^{(1)}\mu_{20}^{(2)}\mu_{04}^{(2)}$$
$$-3\mu_{02}^{(1)}\mu_{72}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} + 8\mu_{03}^{(1)}\mu_{72}^{(1)}\mu_{11}^{(2)}\mu_{13}^{(2)} - 12\mu_{02}^{(1)}\mu_{72}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)}$$
$$+6\mu_{03}^{(1)}\mu_{72}^{(1)}\mu_{02}^{(2)}\mu_{22}^{(2)} - 6\mu_{02}^{(1)}\mu_{72}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} + \mu_{02}^{(1)}\mu_{63}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)}$$
$$-4\mu_{03}^{(1)}\mu_{63}^{(1)}\mu_{20}^{(2)}\mu_{13}^{(2)} + 12\mu_{02}^{(1)}\mu_{63}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} - 12\mu_{03}^{(1)}\mu_{63}^{(1)}\mu_{11}^{(2)}\mu_{22}^{(2)}$$
$$+18\mu_{02}^{(1)}\mu_{63}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} - 4\mu_{03}^{(1)}\mu_{63}^{(1)}\mu_{02}^{(2)}\mu_{31}^{(2)} + 4\mu_{02}^{(1)}\mu_{63}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)}$$
$$-4\mu_{02}^{(1)}\mu_{54}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} + 6\mu_{03}^{(1)}\mu_{54}^{(1)}\mu_{20}^{(2)}\mu_{22}^{(2)} - 18\mu_{02}^{(1)}\mu_{54}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)}$$
$$+8\mu_{03}^{(1)}\mu_{54}^{(1)}\mu_{11}^{(2)}\mu_{31}^{(2)} - 12\mu_{02}^{(1)}\mu_{54}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} + \mu_{03}^{(1)}\mu_{54}^{(1)}\mu_{02}^{(2)}\mu_{40}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{54}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} + 6\mu_{02}^{(1)}\mu_{45}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} - \mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{30}^{(2)}\mu_{27}^{(2)}$$
$$-4\mu_{03}^{(1)}\mu_{45}^{(1)}\mu_{20}^{(2)}\mu_{31}^{(2)} - \mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{20}^{(2)}\mu_{36}^{(2)} + 12\mu_{02}^{(1)}\mu_{45}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)}$$
$$+3\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{21}^{(2)}\mu_{36}^{(2)} - 2\mu_{03}^{(1)}\mu_{45}^{(1)}\mu_{11}^{(2)}\mu_{40}^{(2)} + 2\mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{45}^{(2)}$$
$$+3\mu_{02}^{(1)}\mu_{45}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} - 3\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{12}^{(2)}\mu_{45}^{(2)} - \mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{54}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{40}^{(1)}\mu_{03}^{(2)}\mu_{54}^{(2)} - 4\mu_{02}^{(1)}\mu_{36}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} + 4\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{30}^{(2)}\mu_{36}^{(2)}$$
$$+\mu_{03}^{(1)}\mu_{36}^{(1)}\mu_{20}^{(2)}\mu_{40}^{(2)} + 4\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{45}^{(2)} - 3\mu_{02}^{(1)}\mu_{36}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)}$$
$$-12\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{21}^{(2)}\mu_{45}^{(2)} - 8\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{54}^{(2)} + 12\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{12}^{(2)}\mu_{54}^{(2)}$$
$$+4\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{63}^{(2)} - 4\mu_{02}^{(1)}\mu_{31}^{(1)}\mu_{03}^{(2)}\mu_{63}^{(2)} + \mu_{02}^{(1)}\mu_{27}^{(1)}\mu_{30}^{(2)}\mu_{40}^{(2)}$$
$$-6\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{30}^{(2)}\mu_{45}^{(2)} - 6\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{54}^{(2)} + 18\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{21}^{(2)}\mu_{54}^{(2)}$$
$$+12\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{63}^{(2)} - 18\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{12}^{(2)}\mu_{63}^{(2)} - 6\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{72}^{(2)}$$
$$+6\mu_{02}^{(1)}\mu_{22}^{(1)}\mu_{03}^{(2)}\mu_{72}^{(2)} + 4\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{30}^{(2)}\mu_{54}^{(2)} + 4\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{63}^{(2)}$$
$$-12\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{21}^{(2)}\mu_{63}^{(2)} - 8\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{72}^{(2)} + 12\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{12}^{(2)}\mu_{72}^{(2)}$$
$$+4\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{81}^{(2)} - 4\mu_{02}^{(1)}\mu_{13}^{(1)}\mu_{03}^{(2)}\mu_{81}^{(2)} - \mu_{02}^{(1)}\mu_{04}^{(1)}\mu_{30}^{(2)}\mu_{63}^{(2)}$$
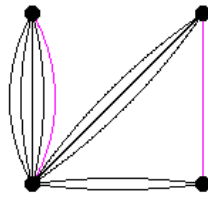
$$-\mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{72}^{(2)} + 3\mu_{02}^{(1)}\mu_{04}^{(1)}\mu_{21}^{(2)}\mu_{72}^{(2)} + 2\mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{81}^{(2)}$$
$$-3\mu_{02}^{(1)}\mu_{04}^{(1)}\mu_{12}^{(2)}\mu_{81}^{(2)} - \mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{90}^{(2)} + \mu_{02}^{(1)}\mu_{04}^{(1)}\mu_{03}^{(2)}\mu_{90}^{(2)}$$

weight=9

structure: 1,1,1,0,0,0,0,1

Generating graph:

$$
\begin{array}{ccccccccc}
1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 \\
2 & 2 & 2 & 2 & 3 & 3 & 3 & 4 & 4
\end{array}
\qquad
\begin{array}{cc}
1 & 3 \\
2 & 4
\end{array}
$$

$$
\begin{aligned}
V_{76} \;=\; & \mu_{40}^{(1)}\mu_{54}^{(1)}\mu_{02}^{(2)}\mu_{03}^{(2)} - 2\mu_{40}^{(1)}\mu_{45}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} - 3\mu_{40}^{(1)}\mu_{45}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} \\
& + \mu_{40}^{(1)}\mu_{36}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} + 6\mu_{40}^{(1)}\mu_{36}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} + 3\mu_{40}^{(1)}\mu_{36}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} \\
& - 3\mu_{40}^{(1)}\mu_{27}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - 6\mu_{40}^{(1)}\mu_{27}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} - \mu_{40}^{(1)}\mu_{27}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} \\
& + 3\mu_{40}^{(1)}\mu_{18}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} + 2\mu_{40}^{(1)}\mu_{18}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} - \mu_{40}^{(1)}\mu_{09}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)} \\
& - 4\mu_{31}^{(1)}\mu_{63}^{(1)}\mu_{02}^{(2)}\mu_{03}^{(2)} + 8\mu_{31}^{(1)}\mu_{54}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} + 12\mu_{31}^{(1)}\mu_{54}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} \\
& - 4\mu_{31}^{(1)}\mu_{45}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} + \mu_{30}^{(1)}\mu_{40}^{(1)}\mu_{20}^{(2)}\mu_{09}^{(2)} - 24\mu_{31}^{(1)}\mu_{45}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
& - 2\mu_{30}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{18}^{(2)} - 12\mu_{31}^{(1)}\mu_{45}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} + \mu_{30}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{27}^{(2)} \\
& + 12\mu_{31}^{(1)}\mu_{36}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - 4\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{18}^{(2)} + 24\mu_{31}^{(1)}\mu_{36}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} \\
& + 8\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{27}^{(2)} + 4\mu_{31}^{(1)}\mu_{36}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} - 4\mu_{30}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{36}^{(2)} \\
& - 12\mu_{31}^{(1)}\mu_{27}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} + 6\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{27}^{(2)} - 8\mu_{31}^{(1)}\mu_{27}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} \\
& - 12\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{36}^{(2)} + 6\mu_{30}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{45}^{(2)} + 4\mu_{31}^{(1)}\mu_{18}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)} \\
& - 4\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{36}^{(2)} + 8\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{45}^{(2)} - 4\mu_{30}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{54}^{(2)} \\
& + \mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{45}^{(2)} - 2\mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{54}^{(2)} + \mu_{30}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{63}^{(2)} \\
& + 6\mu_{22}^{(1)}\mu_{72}^{(1)}\mu_{02}^{(2)}\mu_{03}^{(2)} - \mu_{20}^{(1)}\mu_{72}^{(1)}\mu_{03}^{(2)}\mu_{04}^{(2)} - 12\mu_{22}^{(1)}\mu_{63}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} \\
& + 3\mu_{20}^{(1)}\mu_{63}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)} - 18\mu_{22}^{(1)}\mu_{63}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} + 4\mu_{20}^{(1)}\mu_{63}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} \\
& + 6\mu_{22}^{(1)}\mu_{54}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} - 3\mu_{20}^{(1)}\mu_{54}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} + 36\mu_{22}^{(1)}\mu_{54}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} \\
& - 12\mu_{20}^{(1)}\mu_{54}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} + 18\mu_{22}^{(1)}\mu_{54}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} - 6\mu_{20}^{(1)}\mu_{54}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} \\
& + \mu_{20}^{(1)}\mu_{45}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} - 18\mu_{22}^{(1)}\mu_{45}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} - 3\mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{20}^{(2)}\mu_{18}^{(2)} \\
& + 12\mu_{20}^{(1)}\mu_{45}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} - 36\mu_{22}^{(1)}\mu_{45}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} + 6\mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{27}^{(2)} \\
& + 18\mu_{20}^{(1)}\mu_{45}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} - 6\mu_{22}^{(1)}\mu_{45}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} - 3\mu_{21}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{36}^{(2)} \\
& + 4\mu_{20}^{(1)}\mu_{45}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} - \mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{40}^{(2)}\mu_{09}^{(2)} - 4\mu_{20}^{(1)}\mu_{36}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} \\
& + 4\mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{31}^{(2)}\mu_{18}^{(2)} + 18\mu_{22}^{(1)}\mu_{36}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} + 12\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{27}^{(2)} \\
& - 18\mu_{20}^{(1)}\mu_{36}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)} - 6\mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{22}^{(2)}\mu_{27}^{(2)} + 12\mu_{22}^{(1)}\mu_{36}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} \\
& - 24\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{36}^{(2)} - 12\mu_{20}^{(1)}\mu_{36}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} + 4\mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{13}^{(2)}\mu_{36}^{(2)} \\
& + 12\mu_{21}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{45}^{(2)} - \mu_{20}^{(1)}\mu_{36}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} - \mu_{20}^{(1)}\mu_{30}^{(1)}\mu_{04}^{(2)}\mu_{45}^{(2)} \\
& + 3\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{40}^{(2)}\mu_{18}^{(2)} + 6\mu_{20}^{(1)}\mu_{27}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} - 12\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{31}^{(2)}\mu_{27}^{(2)} \\
& - 6\mu_{22}^{(1)}\mu_{27}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)} - 18\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{36}^{(2)} + 12\mu_{20}^{(1)}\mu_{27}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} \\
& + 18\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{22}^{(2)}\mu_{36}^{(2)} + 36\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{45}^{(2)} + 3\mu_{20}^{(1)}\mu_{27}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} \\
& - 12\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{13}^{(2)}\mu_{45}^{(2)} - 18\mu_{21}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{54}^{(2)} + 3\mu_{20}^{(1)}\mu_{21}^{(1)}\mu_{04}^{(2)}\mu_{54}^{(2)} \\
& - 3\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{40}^{(2)}\mu_{27}^{(2)} - 4\mu_{20}^{(1)}\mu_{18}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} + 12\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{31}^{(2)}\mu_{36}^{(2)} \\
& + 12\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{45}^{(2)} - 3\mu_{20}^{(1)}\mu_{18}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)} - 18\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{22}^{(2)}\mu_{45}^{(2)} \\
& - 24\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{54}^{(2)} + 12\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{13}^{(2)}\mu_{54}^{(2)} + 12\mu_{21}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{63}^{(2)} \\
& - 3\mu_{20}^{(1)}\mu_{12}^{(1)}\mu_{04}^{(2)}\mu_{63}^{(2)} + \mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{40}^{(2)}\mu_{36}^{(2)} + \mu_{20}^{(1)}\mu_{09}^{(1)}\mu_{30}^{(2)}\mu_{40}^{(2)} \\
& - 4\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{31}^{(2)}\mu_{45}^{(2)} - 3\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{54}^{(2)} + 6\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{22}^{(2)}\mu_{54}^{(2)} \\
& + 6\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{63}^{(2)} - 4\mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{13}^{(2)}\mu_{63}^{(2)} - 3\mu_{21}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{72}^{(2)} \\
& + \mu_{20}^{(1)}\mu_{03}^{(1)}\mu_{04}^{(2)}\mu_{72}^{(2)} - 4\mu_{13}^{(1)}\mu_{81}^{(1)}\mu_{02}^{(2)}\mu_{03}^{(2)} + 2\mu_{11}^{(1)}\mu_{81}^{(1)}\mu_{03}^{(2)}\mu_{04}^{(2)} \\
& + 8\mu_{13}^{(1)}\mu_{72}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} - 6\mu_{11}^{(1)}\mu_{72}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)} + 12\mu_{13}^{(1)}\mu_{72}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} \\
& - 8\mu_{11}^{(1)}\mu_{72}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} - 4\mu_{13}^{(1)}\mu_{63}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)} + 6\mu_{11}^{(1)}\mu_{63}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} \\
& - 24\mu_{13}^{(1)}\mu_{63}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} + 24\mu_{11}^{(1)}\mu_{63}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)} - 12\mu_{13}^{(1)}\mu_{63}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)}
\end{aligned}
$$

$$+12\mu_{11}^{(1)}\mu_{63}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} - 2\mu_{11}^{(1)}\mu_{54}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)} + 12\mu_{13}^{(1)}\mu_{54}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)}$$
$$-24\mu_{11}^{(1)}\mu_{54}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} + 24\mu_{13}^{(1)}\mu_{54}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)} - 36\mu_{11}^{(1)}\mu_{54}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)}$$
$$+4\mu_{13}^{(1)}\mu_{54}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} - 8\mu_{11}^{(1)}\mu_{54}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)} + 8\mu_{11}^{(1)}\mu_{45}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)}$$
$$-12\mu_{13}^{(1)}\mu_{45}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} + 3\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{20}^{(2)}\mu_{27}^{(2)} + 36\mu_{11}^{(1)}\mu_{45}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)}$$
$$-8\mu_{13}^{(1)}\mu_{45}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} - 6\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{36}^{(2)} + 24\mu_{11}^{(1)}\mu_{45}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)}$$
$$+3\mu_{12}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{45}^{(2)} + 2\mu_{11}^{(1)}\mu_{45}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)} + 2\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{40}^{(2)}\mu_{18}^{(2)}$$
$$-12\mu_{11}^{(1)}\mu_{36}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} - 8\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{31}^{(2)}\mu_{27}^{(2)} + 4\mu_{13}^{(1)}\mu_{36}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)}$$
$$-12\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{36}^{(2)} - 24\mu_{11}^{(1)}\mu_{36}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} + 12\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{22}^{(2)}\mu_{36}^{(2)}$$
$$+24\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{45}^{(2)} - 6\mu_{11}^{(1)}\mu_{36}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)} - 8\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{13}^{(2)}\mu_{45}^{(2)}$$
$$-12\mu_{12}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{54}^{(2)} + 2\mu_{11}^{(1)}\mu_{30}^{(1)}\mu_{04}^{(2)}\mu_{54}^{(2)} - 6\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{40}^{(2)}\mu_{27}^{(2)}$$
$$+8\mu_{11}^{(1)}\mu_{27}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)} + 24\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{31}^{(2)}\mu_{36}^{(2)} + 18\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{45}^{(2)}$$
$$+6\mu_{11}^{(1)}\mu_{27}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)} - 36\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{22}^{(2)}\mu_{45}^{(2)} - 36\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{54}^{(2)}$$
$$+24\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{13}^{(2)}\mu_{54}^{(2)} + 18\mu_{12}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{63}^{(2)} - 6\mu_{11}^{(1)}\mu_{21}^{(1)}\mu_{04}^{(2)}\mu_{63}^{(2)}$$
$$+6\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{40}^{(2)}\mu_{36}^{(2)} - 2\mu_{11}^{(1)}\mu_{18}^{(1)}\mu_{30}^{(2)}\mu_{40}^{(2)} - 24\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{31}^{(2)}\mu_{45}^{(2)}$$
$$-12\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{54}^{(2)} + 36\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{22}^{(2)}\mu_{54}^{(2)} + 24\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{63}^{(2)}$$
$$-24\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{13}^{(2)}\mu_{63}^{(2)} - 12\mu_{12}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{72}^{(2)} + 6\mu_{11}^{(1)}\mu_{12}^{(1)}\mu_{04}^{(2)}\mu_{72}^{(2)}$$
$$-2\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{40}^{(2)}\mu_{45}^{(2)} + 8\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{31}^{(2)}\mu_{54}^{(2)} + 3\mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{63}^{(2)}$$
$$-12\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{22}^{(2)}\mu_{63}^{(2)} - 6\mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{72}^{(2)} + 8\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{13}^{(2)}\mu_{72}^{(2)}$$
$$+3\mu_{12}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{81}^{(2)} - 2\mu_{11}^{(1)}\mu_{03}^{(1)}\mu_{04}^{(2)}\mu_{81}^{(2)} + \mu_{04}^{(1)}\mu_{90}^{(1)}\mu_{02}^{(2)}\mu_{03}^{(2)}$$
$$-\mu_{02}^{(1)}\mu_{90}^{(1)}\mu_{03}^{(2)}\mu_{04}^{(2)} - 2\mu_{04}^{(1)}\mu_{81}^{(1)}\mu_{11}^{(2)}\mu_{03}^{(2)} + 3\mu_{02}^{(1)}\mu_{81}^{(1)}\mu_{12}^{(2)}\mu_{04}^{(2)}$$
$$-3\mu_{04}^{(1)}\mu_{81}^{(1)}\mu_{02}^{(2)}\mu_{12}^{(2)} + 4\mu_{02}^{(1)}\mu_{81}^{(1)}\mu_{03}^{(2)}\mu_{13}^{(2)} + \mu_{04}^{(1)}\mu_{72}^{(1)}\mu_{20}^{(2)}\mu_{03}^{(2)}$$
$$-3\mu_{02}^{(1)}\mu_{72}^{(1)}\mu_{21}^{(2)}\mu_{04}^{(2)} + 6\mu_{04}^{(1)}\mu_{72}^{(1)}\mu_{11}^{(2)}\mu_{12}^{(2)} - 12\mu_{02}^{(1)}\mu_{72}^{(1)}\mu_{12}^{(2)}\mu_{13}^{(2)}$$
$$+3\mu_{04}^{(1)}\mu_{72}^{(1)}\mu_{02}^{(2)}\mu_{21}^{(2)} - 6\mu_{02}^{(1)}\mu_{72}^{(1)}\mu_{03}^{(2)}\mu_{22}^{(2)} + \mu_{02}^{(1)}\mu_{63}^{(1)}\mu_{30}^{(2)}\mu_{04}^{(2)}$$
$$-3\mu_{04}^{(1)}\mu_{63}^{(1)}\mu_{20}^{(2)}\mu_{12}^{(2)} + 12\mu_{02}^{(1)}\mu_{63}^{(1)}\mu_{21}^{(2)}\mu_{13}^{(2)} - 6\mu_{04}^{(1)}\mu_{63}^{(1)}\mu_{11}^{(2)}\mu_{21}^{(2)}$$
$$+18\mu_{02}^{(1)}\mu_{63}^{(1)}\mu_{12}^{(2)}\mu_{22}^{(2)} - \mu_{04}^{(1)}\mu_{63}^{(1)}\mu_{02}^{(2)}\mu_{30}^{(2)} + 4\mu_{02}^{(1)}\mu_{63}^{(1)}\mu_{03}^{(2)}\mu_{31}^{(2)}$$
$$-4\mu_{02}^{(1)}\mu_{54}^{(1)}\mu_{30}^{(2)}\mu_{13}^{(2)} + 3\mu_{04}^{(1)}\mu_{54}^{(1)}\mu_{20}^{(2)}\mu_{21}^{(2)} - 18\mu_{02}^{(1)}\mu_{54}^{(1)}\mu_{21}^{(2)}\mu_{22}^{(2)}$$
$$+2\mu_{04}^{(1)}\mu_{54}^{(1)}\mu_{11}^{(2)}\mu_{30}^{(2)} - 12\mu_{02}^{(1)}\mu_{54}^{(1)}\mu_{12}^{(2)}\mu_{31}^{(2)} - \mu_{02}^{(1)}\mu_{54}^{(1)}\mu_{03}^{(2)}\mu_{40}^{(2)}$$
$$+6\mu_{02}^{(1)}\mu_{45}^{(1)}\mu_{30}^{(2)}\mu_{22}^{(2)} - \mu_{04}^{(1)}\mu_{45}^{(1)}\mu_{20}^{(2)}\mu_{30}^{(2)} - \mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{20}^{(2)}\mu_{36}^{(2)}$$
$$+12\mu_{02}^{(1)}\mu_{45}^{(1)}\mu_{21}^{(2)}\mu_{31}^{(2)} + 2\mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{11}^{(2)}\mu_{45}^{(2)} + 3\mu_{02}^{(1)}\mu_{45}^{(1)}\mu_{12}^{(2)}\mu_{40}^{(2)}$$
$$-\mu_{03}^{(1)}\mu_{40}^{(1)}\mu_{02}^{(2)}\mu_{54}^{(2)} - \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{40}^{(2)}\mu_{27}^{(2)} - 4\mu_{02}^{(1)}\mu_{36}^{(1)}\mu_{30}^{(2)}\mu_{31}^{(2)}$$
$$+4\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{31}^{(2)}\mu_{36}^{(2)} + 4\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{20}^{(2)}\mu_{45}^{(2)} - 3\mu_{02}^{(1)}\mu_{36}^{(1)}\mu_{21}^{(2)}\mu_{40}^{(2)}$$
$$-6\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{22}^{(2)}\mu_{45}^{(2)} - 8\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{11}^{(2)}\mu_{54}^{(2)} + 4\mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{13}^{(2)}\mu_{54}^{(2)}$$
$$+4\mu_{03}^{(1)}\mu_{31}^{(1)}\mu_{02}^{(2)}\mu_{63}^{(2)} - \mu_{02}^{(1)}\mu_{30}^{(1)}\mu_{04}^{(2)}\mu_{63}^{(2)} + 3\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{40}^{(2)}\mu_{36}^{(2)}$$
$$+\mu_{02}^{(1)}\mu_{27}^{(1)}\mu_{30}^{(2)}\mu_{40}^{(2)} - 12\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{31}^{(2)}\mu_{45}^{(2)} - 6\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{20}^{(2)}\mu_{54}^{(2)}$$
$$+18\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{22}^{(2)}\mu_{54}^{(2)} + 12\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{11}^{(2)}\mu_{63}^{(2)} - 12\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{13}^{(2)}\mu_{63}^{(2)}$$
$$-6\mu_{03}^{(1)}\mu_{22}^{(1)}\mu_{02}^{(2)}\mu_{72}^{(2)} + 3\mu_{02}^{(1)}\mu_{21}^{(1)}\mu_{04}^{(2)}\mu_{72}^{(2)} - 3\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{40}^{(2)}\mu_{45}^{(2)}$$
$$+12\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{31}^{(2)}\mu_{54}^{(2)} + 4\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{20}^{(2)}\mu_{63}^{(2)} - 18\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{22}^{(2)}\mu_{63}^{(2)}$$
$$-8\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{11}^{(2)}\mu_{72}^{(2)} + 12\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{13}^{(2)}\mu_{72}^{(2)} + 4\mu_{03}^{(1)}\mu_{13}^{(1)}\mu_{02}^{(2)}\mu_{81}^{(2)}$$
$$-3\mu_{02}^{(1)}\mu_{12}^{(1)}\mu_{04}^{(2)}\mu_{81}^{(2)} + \mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{40}^{(2)}\mu_{54}^{(2)} - 4\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{31}^{(2)}\mu_{63}^{(2)}$$

$$-\mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{20}^{(2)}\mu_{72}^{(2)} + 6\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{22}^{(2)}\mu_{72}^{(2)} + 2\mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{11}^{(2)}\mu_{81}^{(2)}$$
$$-4\mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{13}^{(2)}\mu_{81}^{(2)} - \mu_{03}^{(1)}\mu_{04}^{(1)}\mu_{02}^{(2)}\mu_{90}^{(2)} + \mu_{02}^{(1)}\mu_{03}^{(1)}\mu_{04}^{(2)}\mu_{90}^{(2)}$$

weight=9

structure: 1,1,1,0,0,0,0,1

Generating graph:

$$
\begin{array}{ccccccccc}
1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 \\
2 & 2 & 2 & 2 & 3 & 3 & 3 & 4 & 4
\end{array}
\qquad
\begin{array}{cc}
1 & 2 \\
3 & 4
\end{array}
$$