Non-Degenerate Perturbation Theory

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March 31, 2024

Notation

$$V_{00} = \langle \psi_0 | V | \psi_0 \rangle$$

$$E_{0\alpha} = E_0 - E_\alpha$$

$$\Sigma_{x_1 x_2 \cdots x_n} = \sum_{\alpha_1, \alpha_2, \cdots \alpha_n \neq 0} \frac{V_{0\alpha_1} V_{\alpha_1 \alpha_2} \cdots V_{\alpha_n 0}}{E_{0\alpha_1}^{x_1} E_{0\alpha_2}^{x_2} \cdots E_{0\alpha_n}^{x_n}}$$

Examples

$$\Sigma_1 = \sum_{\alpha \neq 0} \frac{\left| V_{0\alpha} \right|^2}{E_{0\alpha}}$$

$$\Sigma_{12} = \sum_{\alpha_1, \alpha_2 \neq 0} \frac{V_{0\alpha_1} V_{\alpha_1 \alpha_2} V_{\alpha_2 0}}{E_{0\alpha_1} E_{0\alpha_2}^2}$$

Energy Corrections

$$\text{Tr}[\Delta_1] = V_{00}$$
$$\text{Tr}[\Delta_2] = \Sigma_1$$
$$\text{Tr}[\Delta_3] = \Sigma_{1,1}$$
$$\qquad - V_{00}\Sigma_2$$

$$
\begin{aligned}
\text{Tr}[\Delta_{12}] =\ & -\Sigma_1^5\Sigma_6 + \Sigma_1^4\Sigma_{1,1,5} + \Sigma_1^4\Sigma_{1,2,4} + \Sigma_1^4\Sigma_{1,3,3}(21.000) \\
& + \Sigma_1^4\Sigma_{1,4,2} + \Sigma_1^4\Sigma_{1,5,1} - 5\Sigma_1^4\Sigma_2\Sigma_5 + \Sigma_1^4\Sigma_{2,1,4} + \Sigma_1^4\Sigma_{2,2,3}(23.500) \\
& + \Sigma_1^4\Sigma_{2,3,2} + \Sigma_1^4\Sigma_{2,4,1} - 5\Sigma_1^4\Sigma_3\Sigma_4 + \Sigma_1^4\Sigma_{3,1,3} + \Sigma_1^4\Sigma_{3,2,2}(23.500) \\
& + \Sigma_1^4\Sigma_{3,3,1} + \Sigma_1^4\Sigma_{4,1,2} + \Sigma_1^4\Sigma_{4,2,1} + \Sigma_1^4\Sigma_{5,1,1} + 4\Sigma_1^3\Sigma_{1,1}\Sigma_{1,5}(22.300) \\
& + 4\Sigma_1^3\Sigma_{1,1}\Sigma_{2,4} + 4\Sigma_1^3\Sigma_{1,1}\Sigma_{3,3} + 4\Sigma_1^3\Sigma_{1,1}\Sigma_{4,2} + 4\Sigma_1^3\Sigma_{1,1}\Sigma_{5,1}(23.600) \\
& + 4\Sigma_1^3\Sigma_{1,1,1}\Sigma_5 - \Sigma_1^3\Sigma_{1,1,1,1,4} - \Sigma_1^3\Sigma_{1,1,1,2,3} - \Sigma_1^3\Sigma_{1,1,1,3,2} - \Sigma_1^3\Sigma_{1,1,1,4,1}(22.900) \\
& + 4\Sigma_1^3\Sigma_{1,1,2}\Sigma_4 - \Sigma_1^3\Sigma_{1,1,2,1,3} - \Sigma_1^3\Sigma_{1,1,2,2,2} - \Sigma_1^3\Sigma_{1,1,2,3,1} + 4\Sigma_1^3\Sigma_{1,1,3}\Sigma_3(25.300) \\
& - \Sigma_1^3\Sigma_{1,1,3,1,2} - \Sigma_1^3\Sigma_{1,1,3,2,1} + 4\Sigma_1^3\Sigma_{1,1,4}\Sigma_2 - \Sigma_1^3\Sigma_{1,1,4,1,1} + 4\Sigma_1^3\Sigma_{1,2}\Sigma_{1,4}(24.700) \\
& + 4\Sigma_1^3\Sigma_{1,2}\Sigma_{2,3} + 4\Sigma_1^3\Sigma_{1,2}\Sigma_{3,2} + 4\Sigma_1^3\Sigma_{1,2}\Sigma_{4,1} + 4\Sigma_1^3\Sigma_{1,2,1}\Sigma_4(24.200) \\
& - \Sigma_1^3\Sigma_{1,2,1,1,3} - \Sigma_1^3\Sigma_{1,2,1,2,2} - \Sigma_1^3\Sigma_{1,2,1,3,1} + 4\Sigma_1^3\Sigma_{1,2,2}\Sigma_3 - \Sigma_1^3\Sigma_{1,2,2,1,2}(22.900) \\
& - \Sigma_1^3\Sigma_{1,2,2,2,1} + 4\Sigma_1^3\Sigma_{1,2,3}\Sigma_2 - \Sigma_1^3\Sigma_{1,2,3,1,1} + 2\Sigma_1^3\Sigma_{1,3}^2 + 4\Sigma_1^3\Sigma_{1,3}\Sigma_{2,2}(25.500) \\
& + 4\Sigma_1^3\Sigma_{1,3}\Sigma_{3,1} + 4\Sigma_1^3\Sigma_{1,3,1}\Sigma_3 - \Sigma_1^3\Sigma_{1,3,1,1,2} - \Sigma_1^3\Sigma_{1,3,1,2,1}(20.600) \\
& + 4\Sigma_1^3\Sigma_{1,3,2}\Sigma_2 - \Sigma_1^3\Sigma_{1,3,2,1,1} + 4\Sigma_1^3\Sigma_{1,4}\Sigma_{2,1} + 4\Sigma_1^3\Sigma_{1,4,1}\Sigma_2(23.000) \\
& - \Sigma_1^3\Sigma_{1,4,1,1,1} - 10\Sigma_1^3\Sigma_2^2\Sigma_4 + 4\Sigma_1^3\Sigma_2\Sigma_{2,1,3} + 4\Sigma_1^3\Sigma_2\Sigma_{2,2,2}(25.000) \\
& + 4\Sigma_1^3\Sigma_2\Sigma_{2,3,1} - 10\Sigma_1^3\Sigma_2\Sigma_3^2 + 4\Sigma_1^3\Sigma_2\Sigma_{3,1,2}(20.900) \\
& + 4\Sigma_1^3\Sigma_2\Sigma_{3,2,1} + 4\Sigma_1^3\Sigma_2\Sigma_{4,1,1} + 4\Sigma_1^3\Sigma_{2,1}\Sigma_{2,3} + 4\Sigma_1^3\Sigma_{2,1}\Sigma_{3,2}(24.800) \\
& + 4\Sigma_1^3\Sigma_{2,1}\Sigma_{4,1} + 4\Sigma_1^3\Sigma_{2,1,1}\Sigma_4 - \Sigma_1^3\Sigma_{2,1,1,1,3} - \Sigma_1^3\Sigma_{2,1,1,2,2}(20.600) \\
& - \Sigma_1^3\Sigma_{2,1,1,3,1} + 4\Sigma_1^3\Sigma_{2,1,2}\Sigma_3 - \Sigma_1^3\Sigma_{2,1,2,1,2} - \Sigma_1^3\Sigma_{2,1,2,2,1} - \Sigma_1^3\Sigma_{2,1,3,1,1}(22.900) \\
& + 2\Sigma_1^3\Sigma_{2,2}^2 + 4\Sigma_1^3\Sigma_{2,2}\Sigma_{3,1} + 4\Sigma_1^3\Sigma_{2,2,1}\Sigma_3 - \Sigma_1^3\Sigma_{2,2,1,1,2}(21.400) \\
& - \Sigma_1^3\Sigma_{2,2,1,2,1} - \Sigma_1^3\Sigma_{2,2,2,1,1} - \Sigma_1^3\Sigma_{2,3,1,1,1} + 4\Sigma_1^3\Sigma_3\Sigma_{3,1,1} + 2\Sigma_1^3\Sigma_{3,1}^2(23.700) \\
& - \Sigma_1^3\Sigma_{3,1,1,1,2} - \Sigma_1^3\Sigma_{3,1,1,2,1} - \Sigma_1^3\Sigma_{3,1,2,1,1} - \Sigma_1^3\Sigma_{3,2,1,1,1} - \Sigma_1^3\Sigma_{4,1,1,1,1}(20.500)
\end{aligned}
$$

$$+ 6\Sigma_1^2\Sigma_{1,1}^2\Sigma_5 - 3\Sigma_1^2\Sigma_{1,1}\Sigma_{1,1,1,4} - 3\Sigma_1^2\Sigma_{1,1}\Sigma_{1,1,2,3} - 3\Sigma_1^2\Sigma_{1,1}\Sigma_{1,1,3,2}(24.200)$$

$$- 3\Sigma_1^2\Sigma_{1,1}\Sigma_{1,1,4,1} + 12\Sigma_1^2\Sigma_{1,1}\Sigma_{1,2}\Sigma_4 - 3\Sigma_1^2\Sigma_{1,1}\Sigma_{1,2,1,3}(20.100)$$

$$- 3\Sigma_1^2\Sigma_{1,1}\Sigma_{1,2,2,2} - 3\Sigma_1^2\Sigma_{1,1}\Sigma_{1,2,3,1} + 12\Sigma_1^2\Sigma_{1,1}\Sigma_{1,3}\Sigma_3(20.100)$$

$$- 3\Sigma_1^2\Sigma_{1,1}\Sigma_{1,3,1,2} - 3\Sigma_1^2\Sigma_{1,1}\Sigma_{1,3,2,1} + 12\Sigma_1^2\Sigma_{1,1}\Sigma_{1,4}\Sigma_2(20.100)$$

$$- 3\Sigma_1^2\Sigma_{1,1}\Sigma_{1,4,1,1} + 12\Sigma_1^2\Sigma_{1,1}\Sigma_2\Sigma_{2,3} + 12\Sigma_1^2\Sigma_{1,1}\Sigma_2\Sigma_{3,2}(22.500)$$

$$+ 12\Sigma_1^2\Sigma_{1,1}\Sigma_2\Sigma_{4,1} + 12\Sigma_1^2\Sigma_{1,1}\Sigma_{2,1}\Sigma_4 - 3\Sigma_1^2\Sigma_{1,1}\Sigma_{2,1,1,3}(22.500)$$

$$- 3\Sigma_1^2\Sigma_{1,1}\Sigma_{2,1,2,2} - 3\Sigma_1^2\Sigma_{1,1}\Sigma_{2,1,3,1} + 12\Sigma_1^2\Sigma_{1,1}\Sigma_{2,2}\Sigma_3(20.100)$$

$$- 3\Sigma_1^2\Sigma_{1,1}\Sigma_{2,2,1,2} - 3\Sigma_1^2\Sigma_{1,1}\Sigma_{2,2,2,1} - 3\Sigma_1^2\Sigma_{1,1}\Sigma_{2,3,1,1} + 12\Sigma_1^2\Sigma_{1,1}\Sigma_3\Sigma_{3,1}(26.000)$$

$$- 3\Sigma_1^2\Sigma_{1,1}\Sigma_{3,1,1,2} - 3\Sigma_1^2\Sigma_{1,1}\Sigma_{3,1,2,1} - 3\Sigma_1^2\Sigma_{1,1}\Sigma_{3,2,1,1} - 3\Sigma_1^2\Sigma_{1,1}\Sigma_{4,1,1,1}(23.600)$$

$$- 3\Sigma_1^2\Sigma_{1,1,1}\Sigma_{1,1,4} - 3\Sigma_1^2\Sigma_{1,1,1}\Sigma_{1,2,3} - 3\Sigma_1^2\Sigma_{1,1,1}\Sigma_{1,3,2} - 3\Sigma_1^2\Sigma_{1,1,1}\Sigma_{1,4,1}(23.600)$$

$$+ 12\Sigma_1^2\Sigma_{1,1,1}\Sigma_2\Sigma_4 - 3\Sigma_1^2\Sigma_{1,1,1}\Sigma_{2,1,3} - 3\Sigma_1^2\Sigma_{1,1,1}\Sigma_{2,2,2}(20.700)$$

$$- 3\Sigma_1^2\Sigma_{1,1,1}\Sigma_{2,3,1} + 6\Sigma_1^2\Sigma_{1,1,1}\Sigma_3^2 - 3\Sigma_1^2\Sigma_{1,1,1}\Sigma_{3,1,2} - 3\Sigma_1^2\Sigma_{1,1,1}\Sigma_{3,2,1}(24.200)$$

$$- 3\Sigma_1^2\Sigma_{1,1,1}\Sigma_{4,1,1} - 3\Sigma_1^2\Sigma_{1,1,1,1}\Sigma_{1,4} - 3\Sigma_1^2\Sigma_{1,1,1,1}\Sigma_{2,3} - 3\Sigma_1^2\Sigma_{1,1,1,1}\Sigma_{3,2}(23.600)$$

$$- 3\Sigma_1^2\Sigma_{1,1,1,1}\Sigma_{4,1} - 3\Sigma_1^2\Sigma_{1,1,1,1,1}\Sigma_4 + \Sigma_1^2\Sigma_{1,1,1,1,1,1,3} + \Sigma_1^2\Sigma_{1,1,1,1,1,2,2}(20.600)$$

$$+ \Sigma_1^2\Sigma_{1,1,1,1,1,3,1} - 3\Sigma_1^2\Sigma_{1,1,1,1,2}\Sigma_3 + \Sigma_1^2\Sigma_{1,1,1,1,2,1,2} + \Sigma_1^2\Sigma_{1,1,1,1,2,2,1} - 3\Sigma_1^2\Sigma_{1,1,1,1,3}\Sigma_2(25.300)$$

$$+ \Sigma_1^2\Sigma_{1,1,1,1,3,1,1} - 3\Sigma_1^2\Sigma_{1,1,1,2}\Sigma_{1,3} - 3\Sigma_1^2\Sigma_{1,1,1,2}\Sigma_{2,2} - 3\Sigma_1^2\Sigma_{1,1,1,2}\Sigma_{3,1}(21.800)$$

$$- 3\Sigma_1^2\Sigma_{1,1,1,2,1}\Sigma_3 + \Sigma_1^2\Sigma_{1,1,1,2,1,1,2} + \Sigma_1^2\Sigma_{1,1,1,2,1,2,1} - 3\Sigma_1^2\Sigma_{1,1,1,2,2}\Sigma_2(21.200)$$

$$+ \Sigma_1^2\Sigma_{1,1,1,2,2,1,1} - 3\Sigma_1^2\Sigma_{1,1,1,3}\Sigma_{1,2} - 3\Sigma_1^2\Sigma_{1,1,1,3}\Sigma_{2,1} - 3\Sigma_1^2\Sigma_{1,1,1,3,1}\Sigma_2(22.400)$$

$$+ \Sigma_1^2\Sigma_{1,1,1,3,1,1,1} - 3\Sigma_1^2\Sigma_{1,1,2}\Sigma_{1,1,3} - 3\Sigma_1^2\Sigma_{1,1,2}\Sigma_{1,2,2} - 3\Sigma_1^2\Sigma_{1,1,2}\Sigma_{1,3,1}(21.800)$$

$$+ 12\Sigma_1^2\Sigma_{1,1,2}\Sigma_2\Sigma_3 - 3\Sigma_1^2\Sigma_{1,1,2}\Sigma_{2,1,2} - 3\Sigma_1^2\Sigma_{1,1,2}\Sigma_{2,2,1}(20.700)$$

$$- 3\Sigma_1^2\Sigma_{1,1,2}\Sigma_{3,1,1} - 3\Sigma_1^2\Sigma_{1,1,2,1}\Sigma_{1,3} - 3\Sigma_1^2\Sigma_{1,1,2,1}\Sigma_{2,2} - 3\Sigma_1^2\Sigma_{1,1,2,1}\Sigma_{3,1}(23.600)$$

$$- 3\Sigma_1^2\Sigma_{1,1,2,1,1}\Sigma_3 + \Sigma_1^2\Sigma_{1,1,2,1,1,1,2} + \Sigma_1^2\Sigma_{1,1,2,1,1,2,1} - 3\Sigma_1^2\Sigma_{1,1,2,1,2}\Sigma_2(21.200)$$

$$+ \Sigma_1^2\Sigma_{1,1,2,1,2,1,1} - 3\Sigma_1^2\Sigma_{1,1,2,2}\Sigma_{1,2} - 3\Sigma_1^2\Sigma_{1,1,2,2}\Sigma_{2,1} - 3\Sigma_1^2\Sigma_{1,1,2,2,1}\Sigma_2(22.400)$$

$$+ \Sigma_1^2\Sigma_{1,1,2,2,1,1,1} - 3\Sigma_1^2\Sigma_{1,1,3}\Sigma_{1,2,1} + 6\Sigma_1^2\Sigma_{1,1,3}\Sigma_2^2 - 3\Sigma_1^2\Sigma_{1,1,3}\Sigma_{2,1,1}(22.400)$$

$$- 3\Sigma_1^2\Sigma_{1,1,3,1}\Sigma_{1,2} - 3\Sigma_1^2\Sigma_{1,1,3,1}\Sigma_{2,1} - 3\Sigma_1^2\Sigma_{1,1,3,1,1}\Sigma_2 + \Sigma_1^2\Sigma_{1,1,3,1,1,1,1}(22.400)$$

$$+ 6\Sigma_1^2\Sigma_{1,2}^2\Sigma_3 - 3\Sigma_1^2\Sigma_{1,2}\Sigma_{1,2,1,2} - 3\Sigma_1^2\Sigma_{1,2}\Sigma_{1,2,2,1} + 12\Sigma_1^2\Sigma_{1,2}\Sigma_{1,3}\Sigma_2(26.600)$$

$$- 3\Sigma_1^2\Sigma_{1,2}\Sigma_{1,3,1,1} + 12\Sigma_1^2\Sigma_{1,2}\Sigma_2\Sigma_{2,2} + 12\Sigma_1^2\Sigma_{1,2}\Sigma_2\Sigma_{3,1}(22.500)$$

$$+ 12\Sigma_1^2\Sigma_{1,2}\Sigma_{2,1}\Sigma_3 - 3\Sigma_1^2\Sigma_{1,2}\Sigma_{2,1,1,2} - 3\Sigma_1^2\Sigma_{1,2}\Sigma_{2,1,2,1} \quad (20.100)$$

$$- 3\Sigma_1^2\Sigma_{1,2}\Sigma_{2,2,1,1} - 3\Sigma_1^2\Sigma_{1,2}\Sigma_{3,1,1,1} - 3\Sigma_1^2\Sigma_{1,2,1}\Sigma_{1,2,2} - 3\Sigma_1^2\Sigma_{1,2,1}\Sigma_{1,3,1} \quad (23.600)$$

$$+ 12\Sigma_1^2\Sigma_{1,2,1}\Sigma_2\Sigma_3 - 3\Sigma_1^2\Sigma_{1,2,1}\Sigma_{2,1,2} - 3\Sigma_1^2\Sigma_{1,2,1}\Sigma_{2,2,1} \quad (20.700)$$

$$- 3\Sigma_1^2\Sigma_{1,2,1}\Sigma_{3,1,1} - 3\Sigma_1^2\Sigma_{1,2,1,1}\Sigma_{1,3} - 3\Sigma_1^2\Sigma_{1,2,1,1}\Sigma_{2,2} - 3\Sigma_1^2\Sigma_{1,2,1,1}\Sigma_{3,1,1} \quad (23.600)$$

$$- 3\Sigma_1^2\Sigma_{1,2,1,1,1}\Sigma_3 + \Sigma_1^2\Sigma_{1,2,1,1,1,1,2} + \Sigma_1^2\Sigma_{1,2,1,1,1,2,1} - 3\Sigma_1^2\Sigma_{1,2,1,1,2}\Sigma_2 \quad (21.200)$$

$$+ \Sigma_1^2\Sigma_{1,2,1,1,2,1,1} - 3\Sigma_1^2\Sigma_{1,2,1,2}\Sigma_{2,1} - 3\Sigma_1^2\Sigma_{1,2,1,2,1}\Sigma_2 + \Sigma_1^2\Sigma_{1,2,1,2,1,1,1} \quad (20.600)$$

$$+ 6\Sigma_1^2\Sigma_{1,2,2}\Sigma_2^2 - 3\Sigma_1^2\Sigma_{1,2,2}\Sigma_{2,1,1} - 3\Sigma_1^2\Sigma_{1,2,2,1}\Sigma_{2,1} - 3\Sigma_1^2\Sigma_{1,2,2,1,1}\Sigma_2 \quad (24.800)$$

$$+ \Sigma_1^2\Sigma_{1,2,2,1,1,1,1} + 12\Sigma_1^2\Sigma_{1,3}\Sigma_2\Sigma_{2,1} - 3\Sigma_1^2\Sigma_{1,3}\Sigma_{2,1,1,1} + 6\Sigma_1^2\Sigma_{1,3,1}\Sigma_2^2 \quad (24.800)$$

$$- 3\Sigma_1^2\Sigma_{1,3,1}\Sigma_{2,1,1} - 3\Sigma_1^2\Sigma_{1,3,1,1}\Sigma_{2,1} - 3\Sigma_1^2\Sigma_{1,3,1,1,1}\Sigma_2 + \Sigma_1^2\Sigma_{1,3,1,1,1,1,1} \quad (22.400)$$

$$- 10\Sigma_1^2\Sigma_2^3\Sigma_3 + 6\Sigma_1^2\Sigma_2^2\Sigma_{2,1,2} + 6\Sigma_1^2\Sigma_2^2\Sigma_{2,2,1} \quad (20.900)$$

$$+ 6\Sigma_1^2\Sigma_2^2\Sigma_{3,1,1} + 12\Sigma_1^2\Sigma_2\Sigma_{2,1}\Sigma_{2,2} + 12\Sigma_1^2\Sigma_2\Sigma_{2,1}\Sigma_{3,1} \quad (23.100)$$

$$+ 12\Sigma_1^2\Sigma_2\Sigma_{2,1,1}\Sigma_3 - 3\Sigma_1^2\Sigma_2\Sigma_{2,1,1,1,2} - 3\Sigma_1^2\Sigma_2\Sigma_{2,1,1,2,1} \quad (21.900)$$

$$- 3\Sigma_1^2\Sigma_2\Sigma_{2,1,2,1,1} - 3\Sigma_1^2\Sigma_2\Sigma_{2,2,1,1,1} - 3\Sigma_1^2\Sigma_2\Sigma_{3,1,1,1,1} + 6\Sigma_1^2\Sigma_{2,1}^2\Sigma_3 \quad (26.000)$$

$$- 3\Sigma_1^2\Sigma_{2,1}\Sigma_{2,1,1,2} - 3\Sigma_1^2\Sigma_{2,1}\Sigma_{2,1,2,1} - 3\Sigma_1^2\Sigma_{2,1}\Sigma_{2,2,1,1} - 3\Sigma_1^2\Sigma_{2,1}\Sigma_{3,1,1,1} \quad (23.600)$$

$$- 3\Sigma_1^2\Sigma_{2,1,1}\Sigma_{2,1,2} - 3\Sigma_1^2\Sigma_{2,1,1}\Sigma_{2,2,1} - 3\Sigma_1^2\Sigma_{2,1,1}\Sigma_{3,1,1} - 3\Sigma_1^2\Sigma_{2,1,1,1}\Sigma_{2,2} \quad (23.600)$$

$$- 3\Sigma_1^2\Sigma_{2,1,1,1}\Sigma_{3,1} - 3\Sigma_1^2\Sigma_{2,1,1,1,1}\Sigma_3 + \Sigma_1^2\Sigma_{2,1,1,1,1,1,2} + \Sigma_1^2\Sigma_{2,1,1,1,1,2,1} \quad (20.600)$$

$$+ \Sigma_1^2\Sigma_{2,1,1,1,2,1,1} + \Sigma_1^2\Sigma_{2,1,1,2,1,1,1} + \Sigma_1^2\Sigma_{2,1,2,1,1,1,1} + \Sigma_1^2\Sigma_{2,2,1,1,1,1,1} + \Sigma_1^2\Sigma_{3,1,1,1,1,1,1} \quad (20.500)$$

$$- 3\Sigma_1\Sigma_{1,1}^2\Sigma_{1,1,4} - 3\Sigma_1\Sigma_{1,1}^2\Sigma_{1,2,3} - 3\Sigma_1\Sigma_{1,1}^2\Sigma_{1,3,2} - 3\Sigma_1\Sigma_{1,1}^2\Sigma_{1,4,1} \quad (23.600)$$

$$+ 12\Sigma_1\Sigma_{1,1}^2\Sigma_2\Sigma_4 - 3\Sigma_1\Sigma_{1,1}^2\Sigma_{2,1,3} - 3\Sigma_1\Sigma_{1,1}^2\Sigma_{2,2,2} \quad (20.700)$$

$$- 3\Sigma_1\Sigma_{1,1}^2\Sigma_{2,3,1} + 6\Sigma_1\Sigma_{1,1}^2\Sigma_3^2 - 3\Sigma_1\Sigma_{1,1}^2\Sigma_{3,1,2} - 3\Sigma_1\Sigma_{1,1}^2\Sigma_{3,2,1} \quad (24.200)$$

$$- 3\Sigma_1\Sigma_{1,1}^2\Sigma_{4,1,1} - 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{1,4} - 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{2,3} - 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{3,2} \quad (26.600)$$

$$- 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{4,1} - 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,1,1}\Sigma_4 + 2\Sigma_1\Sigma_{1,1}\Sigma_{1,1,1,1,1,3} \quad (20.300)$$

$$+ 2\Sigma_1\Sigma_{1,1}\Sigma_{1,1,1,1,2,2} + 2\Sigma_1\Sigma_{1,1}\Sigma_{1,1,1,1,3,1} - 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,1,2}\Sigma_3 + 2\Sigma_1\Sigma_{1,1}\Sigma_{1,1,1,2,1,2} \quad (25.200)$$

$$+ 2\Sigma_1\Sigma_{1,1}\Sigma_{1,1,1,2,2,1} - 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,1,3}\Sigma_2 + 2\Sigma_1\Sigma_{1,1}\Sigma_{1,1,1,3,1,1} - 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,2}\Sigma_{1,3} \quad (26.200)$$

$$- 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,2}\Sigma_{2,2} - 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,2}\Sigma_{3,1} - 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,2,1}\Sigma_3 \quad (21.300)$$

$$+ 2\Sigma_1\Sigma_{1,1}\Sigma_{1,1,2,1,1,2} + 2\Sigma_1\Sigma_{1,1}\Sigma_{1,1,2,1,2,1} - 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,2,2}\Sigma_2 + 2\Sigma_1\Sigma_{1,1}\Sigma_{1,1,2,2,1,1} \quad (25.200)$$

$$- 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,3}\Sigma_{1,2} - 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,3}\Sigma_{2,1} - 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,3,1}\Sigma_2 (21.300)$$

$$+ 2\Sigma_1\Sigma_{1,1}\Sigma_{1,1,3,1,1,1} - 6\Sigma_1\Sigma_{1,1}\Sigma_{1,2}\Sigma_{1,2,2} - 6\Sigma_1\Sigma_{1,1}\Sigma_{1,2}\Sigma_{1,3,1} + 24\Sigma_1\Sigma_{1,1}\Sigma_{1,2}\Sigma_2\Sigma_3 (29.600)$$

$$- 6\Sigma_1\Sigma_{1,1}\Sigma_{1,2}\Sigma_{2,1,2} - 6\Sigma_1\Sigma_{1,1}\Sigma_{1,2}\Sigma_{2,2,1} - 6\Sigma_1\Sigma_{1,1}\Sigma_{1,2}\Sigma_{3,1,1} (20.700)$$

$$- 6\Sigma_1\Sigma_{1,1}\Sigma_{1,2,1}\Sigma_{1,3} - 6\Sigma_1\Sigma_{1,1}\Sigma_{1,2,1}\Sigma_{2,2} - 6\Sigma_1\Sigma_{1,1}\Sigma_{1,2,1}\Sigma_{3,1} (20.700)$$

$$- 6\Sigma_1\Sigma_{1,1}\Sigma_{1,2,1,1}\Sigma_3 + 2\Sigma_1\Sigma_{1,1}\Sigma_{1,2,1,1,1,2} + 2\Sigma_1\Sigma_{1,1}\Sigma_{1,2,1,1,2,1} - 6\Sigma_1\Sigma_{1,1}\Sigma_{1,2,1,2}\Sigma_2 (26.800)$$

$$+ 2\Sigma_1\Sigma_{1,1}\Sigma_{1,2,1,2,1,1} - 6\Sigma_1\Sigma_{1,1}\Sigma_{1,2,2}\Sigma_{2,1} - 6\Sigma_1\Sigma_{1,1}\Sigma_{1,2,2,1}\Sigma_2 (20.300)$$

$$+ 2\Sigma_1\Sigma_{1,1}\Sigma_{1,2,2,1,1,1} + 12\Sigma_1\Sigma_{1,1}\Sigma_{1,3}\Sigma_2^2 - 6\Sigma_1\Sigma_{1,1}\Sigma_{1,3}\Sigma_{2,1,1} (21.100)$$

$$- 6\Sigma_1\Sigma_{1,1}\Sigma_{1,3,1}\Sigma_{2,1} - 6\Sigma_1\Sigma_{1,1}\Sigma_{1,3,1,1}\Sigma_2 + 2\Sigma_1\Sigma_{1,1}\Sigma_{1,3,1,1,1,1} (20.300)$$

$$+ 12\Sigma_1\Sigma_{1,1}\Sigma_2^2\Sigma_{2,2} + 12\Sigma_1\Sigma_{1,1}\Sigma_2^2\Sigma_{3,1} + 24\Sigma_1\Sigma_{1,1}\Sigma_2\Sigma_{2,1}\Sigma_3 (26.500)$$

$$- 6\Sigma_1\Sigma_{1,1}\Sigma_2\Sigma_{2,1,1,2} - 6\Sigma_1\Sigma_{1,1}\Sigma_2\Sigma_{2,1,2,1} - 6\Sigma_1\Sigma_{1,1}\Sigma_2\Sigma_{2,2,1,1} (22.500)$$

$$- 6\Sigma_1\Sigma_{1,1}\Sigma_2\Sigma_{3,1,1,1} - 6\Sigma_1\Sigma_{1,1}\Sigma_{2,1}\Sigma_{2,1,2} - 6\Sigma_1\Sigma_{1,1}\Sigma_{2,1}\Sigma_{2,2,1} (21.300)$$

$$- 6\Sigma_1\Sigma_{1,1}\Sigma_{2,1}\Sigma_{3,1,1} - 6\Sigma_1\Sigma_{1,1}\Sigma_{2,1,1}\Sigma_{2,2} - 6\Sigma_1\Sigma_{1,1}\Sigma_{2,1,1}\Sigma_{3,1} (20.700)$$

$$- 6\Sigma_1\Sigma_{1,1}\Sigma_{2,1,1,1}\Sigma_3 + 2\Sigma_1\Sigma_{1,1}\Sigma_{2,1,1,1,1,2} + 2\Sigma_1\Sigma_{1,1}\Sigma_{2,1,1,1,2,1} + 2\Sigma_1\Sigma_{1,1}\Sigma_{2,1,1,2,1,1} (25.200)$$

$$+ 2\Sigma_1\Sigma_{1,1}\Sigma_{2,1,2,1,1,1} + 2\Sigma_1\Sigma_{1,1}\Sigma_{2,2,1,1,1,1} + 2\Sigma_1\Sigma_{1,1}\Sigma_{3,1,1,1,1,1} - 3\Sigma_1\Sigma_{1,1,1}^2\Sigma_4 (24.200)$$

$$+ 2\Sigma_1\Sigma_{1,1,1}\Sigma_{1,1,1,1,3} + 2\Sigma_1\Sigma_{1,1,1}\Sigma_{1,1,1,2,2} + 2\Sigma_1\Sigma_{1,1,1}\Sigma_{1,1,1,3,1} - 6\Sigma_1\Sigma_{1,1,1}\Sigma_{1,1,2}\Sigma_3 (25.200)$$

$$+ 2\Sigma_1\Sigma_{1,1,1}\Sigma_{1,1,2,1,2} + 2\Sigma_1\Sigma_{1,1,1}\Sigma_{1,1,2,2,1} - 6\Sigma_1\Sigma_{1,1,1}\Sigma_{1,1,3}\Sigma_2 + 2\Sigma_1\Sigma_{1,1,1}\Sigma_{1,1,3,1,1} (25.200)$$

$$- 6\Sigma_1\Sigma_{1,1,1}\Sigma_{1,2}\Sigma_{1,3} - 6\Sigma_1\Sigma_{1,1,1}\Sigma_{1,2}\Sigma_{2,2} - 6\Sigma_1\Sigma_{1,1,1}\Sigma_{1,2}\Sigma_{3,1} (20.700)$$

$$- 6\Sigma_1\Sigma_{1,1,1}\Sigma_{1,2,1}\Sigma_3 + 2\Sigma_1\Sigma_{1,1,1}\Sigma_{1,2,1,1,2} + 2\Sigma_1\Sigma_{1,1,1}\Sigma_{1,2,1,2,1} - 6\Sigma_1\Sigma_{1,1,1}\Sigma_{1,2,2}\Sigma_2 (26.800)$$

$$+ 2\Sigma_1\Sigma_{1,1,1}\Sigma_{1,2,2,1,1} - 6\Sigma_1\Sigma_{1,1,1}\Sigma_{1,3}\Sigma_{2,1} - 6\Sigma_1\Sigma_{1,1,1}\Sigma_{1,3,1}\Sigma_2 (20.300)$$

$$+ 2\Sigma_1\Sigma_{1,1,1}\Sigma_{1,3,1,1,1} + 12\Sigma_1\Sigma_{1,1,1}\Sigma_2^2\Sigma_3 - 6\Sigma_1\Sigma_{1,1,1}\Sigma_2\Sigma_{2,1,2} (22.300)$$

$$- 6\Sigma_1\Sigma_{1,1,1}\Sigma_2\Sigma_{2,2,1} - 6\Sigma_1\Sigma_{1,1,1}\Sigma_2\Sigma_{3,1,1} - 6\Sigma_1\Sigma_{1,1,1}\Sigma_{2,1}\Sigma_{2,2} (21.900)$$

$$- 6\Sigma_1\Sigma_{1,1,1}\Sigma_{2,1}\Sigma_{3,1} - 6\Sigma_1\Sigma_{1,1,1}\Sigma_{2,1,1}\Sigma_3 + 2\Sigma_1\Sigma_{1,1,1}\Sigma_{2,1,1,1,2} (20.300)$$

$$+ 2\Sigma_1\Sigma_{1,1,1}\Sigma_{2,1,1,2,1} + 2\Sigma_1\Sigma_{1,1,1}\Sigma_{2,1,2,1,1} + 2\Sigma_1\Sigma_{1,1,1}\Sigma_{2,2,1,1,1} + 2\Sigma_1\Sigma_{1,1,1}\Sigma_{3,1,1,1,1} (23.600)$$

$$+ 2\Sigma_1\Sigma_{1,1,1,1}\Sigma_{1,1,1,3} + 2\Sigma_1\Sigma_{1,1,1,1}\Sigma_{1,1,2,2} + 2\Sigma_1\Sigma_{1,1,1,1}\Sigma_{1,1,3,1} - 6\Sigma_1\Sigma_{1,1,1,1}\Sigma_{1,2}\Sigma_3 (25.200)$$

$$+ 2\Sigma_1\Sigma_{1,1,1,1}\Sigma_{1,2,1,2} + 2\Sigma_1\Sigma_{1,1,1,1}\Sigma_{1,2,2,1} - 6\Sigma_1\Sigma_{1,1,1,1}\Sigma_{1,3}\Sigma_2 + 2\Sigma_1\Sigma_{1,1,1,1}\Sigma_{1,3,1,1} (25.200)$$

$$- 6\Sigma_1\Sigma_{1,1,1,1}\Sigma_2\Sigma_{2,2} - 6\Sigma_1\Sigma_{1,1,1,1}\Sigma_2\Sigma_{3,1} - 6\Sigma_1\Sigma_{1,1,1,1}\Sigma_{2,1}\Sigma_3 (22.500)$$

$$+ 2\Sigma_1\Sigma_{1,1,1,1}\Sigma_{2,1,1,2} + 2\Sigma_1\Sigma_{1,1,1,1}\Sigma_{2,1,2,1} + 2\Sigma_1\Sigma_{1,1,1,1}\Sigma_{2,2,1,1} + 2\Sigma_1\Sigma_{1,1,1,1}\Sigma_{3,1,1,1} (23.600)$$

$$+ 2\Sigma_1\Sigma_{1,1,1,1,1}\Sigma_{1,1,3} + 2\Sigma_1\Sigma_{1,1,1,1,1}\Sigma_{1,2,2} + 2\Sigma_1\Sigma_{1,1,1,1,1}\Sigma_{1,3,1} - 6\Sigma_1\Sigma_{1,1,1,1,1}\Sigma_2\Sigma_3(25.800)$$
$$+ 2\Sigma_1\Sigma_{1,1,1,1,1}\Sigma_{2,1,2} + 2\Sigma_1\Sigma_{1,1,1,1,1}\Sigma_{2,2,1} + 2\Sigma_1\Sigma_{1,1,1,1,1}\Sigma_{3,1,1} + 2\Sigma_1\Sigma_{1,1,1,1,1,1}\Sigma_{1,3}(23.600)$$
$$+ 2\Sigma_1\Sigma_{1,1,1,1,1,1}\Sigma_{2,2} + 2\Sigma_1\Sigma_{1,1,1,1,1,1}\Sigma_{3,1} + 2\Sigma_1\Sigma_{1,1,1,1,1,1,1}\Sigma_3 - \Sigma_1\Sigma_{1,1,1,1,1,1,1,1,2}(22.400)$$
$$- \Sigma_1\Sigma_{1,1,1,1,1,1,1,2,1} + 2\Sigma_1\Sigma_{1,1,1,1,1,1,2}\Sigma_2 - \Sigma_1\Sigma_{1,1,1,1,1,1,2,1,1} + 2\Sigma_1\Sigma_{1,1,1,1,1,2}\Sigma_{1,2}(20.600)$$
$$+ 2\Sigma_1\Sigma_{1,1,1,1,1,2}\Sigma_{2,1} + 2\Sigma_1\Sigma_{1,1,1,1,1,2,1}\Sigma_2 - \Sigma_1\Sigma_{1,1,1,1,1,2,1,1,1} + 2\Sigma_1\Sigma_{1,1,1,1,2}\Sigma_{1,1,2}(22.400)$$
$$+ 2\Sigma_1\Sigma_{1,1,1,1,2}\Sigma_{1,2,1} - 3\Sigma_1\Sigma_{1,1,1,1,2}\Sigma_2^2 + 2\Sigma_1\Sigma_{1,1,1,1,2}\Sigma_{2,1,1} + 2\Sigma_1\Sigma_{1,1,1,1,2,1}\Sigma_{1,2}(24.200)$$
$$+ 2\Sigma_1\Sigma_{1,1,1,1,2,1}\Sigma_{2,1} + 2\Sigma_1\Sigma_{1,1,1,1,2,1,1}\Sigma_2 - \Sigma_1\Sigma_{1,1,1,1,2,1,1,1,1} + \Sigma_1\Sigma_{1,1,1,2}^2(20.600)$$
$$+ 2\Sigma_1\Sigma_{1,1,1,2}\Sigma_{1,1,2,1} - 6\Sigma_1\Sigma_{1,1,1,2}\Sigma_{1,2}\Sigma_2 + 2\Sigma_1\Sigma_{1,1,1,2}\Sigma_{1,2,1,1} - 6\Sigma_1\Sigma_{1,1,1,2}\Sigma_2\Sigma_{2,1}(26.800)$$
$$+ 2\Sigma_1\Sigma_{1,1,1,2}\Sigma_{2,1,1,1} + 2\Sigma_1\Sigma_{1,1,1,2,1}\Sigma_{1,1,2} + 2\Sigma_1\Sigma_{1,1,1,2,1}\Sigma_{1,2,1} - 3\Sigma_1\Sigma_{1,1,1,2,1}\Sigma_2^2(24.200)$$
$$+ 2\Sigma_1\Sigma_{1,1,1,2,1}\Sigma_{2,1,1} + 2\Sigma_1\Sigma_{1,1,1,2,1,1}\Sigma_{1,2} + 2\Sigma_1\Sigma_{1,1,1,2,1,1}\Sigma_{2,1} + 2\Sigma_1\Sigma_{1,1,1,2,1,1,1}\Sigma_2(24.200)$$
$$- \Sigma_1\Sigma_{1,1,1,2,1,1,1,1,1} - 3\Sigma_1\Sigma_{1,1,2}^2\Sigma_2 + 2\Sigma_1\Sigma_{1,1,2}\Sigma_{1,1,2,1} - 3\Sigma_1\Sigma_{1,1,2}\Sigma_{1,2}^2(22.400)$$
$$- 6\Sigma_1\Sigma_{1,1,2}\Sigma_{1,2}\Sigma_{2,1} - 6\Sigma_1\Sigma_{1,1,2}\Sigma_{1,2,1}\Sigma_2 + 2\Sigma_1\Sigma_{1,1,2}\Sigma_{1,2,1,1,1}(20.300)$$
$$+ 4\Sigma_1\Sigma_{1,1,2}\Sigma_2^3 - 6\Sigma_1\Sigma_{1,1,2}\Sigma_2\Sigma_{2,1,1} - 3\Sigma_1\Sigma_{1,1,2}\Sigma_{2,1}^2 + 2\Sigma_1\Sigma_{1,1,2}\Sigma_{2,1,1,1,1}(25.800)$$
$$+ \Sigma_1\Sigma_{1,1,2,1}^2 - 6\Sigma_1\Sigma_{1,1,2,1}\Sigma_{1,2}\Sigma_2 + 2\Sigma_1\Sigma_{1,1,2,1}\Sigma_{1,2,1,1} - 6\Sigma_1\Sigma_{1,1,2,1}\Sigma_2\Sigma_{2,1}(25.000)$$
$$+ 2\Sigma_1\Sigma_{1,1,2,1}\Sigma_{2,1,1,1} + 2\Sigma_1\Sigma_{1,1,2,1,1}\Sigma_{1,2,1} - 3\Sigma_1\Sigma_{1,1,2,1,1}\Sigma_2^2 + 2\Sigma_1\Sigma_{1,1,2,1,1}\Sigma_{2,1,1}(24.200)$$
$$+ 2\Sigma_1\Sigma_{1,1,2,1,1,1}\Sigma_{1,2} + 2\Sigma_1\Sigma_{1,1,2,1,1,1}\Sigma_{2,1} + 2\Sigma_1\Sigma_{1,1,2,1,1,1,1}\Sigma_2 - \Sigma_1\Sigma_{1,1,2,1,1,1,1,1,1}(22.400)$$
$$- 3\Sigma_1\Sigma_{1,2}^2\Sigma_{1,2,1} + 6\Sigma_1\Sigma_{1,2}^2\Sigma_2^2 - 3\Sigma_1\Sigma_{1,2}^2\Sigma_{2,1,1} - 6\Sigma_1\Sigma_{1,2}\Sigma_{1,2,1}\Sigma_{2,1}(25.200)$$
$$- 6\Sigma_1\Sigma_{1,2}\Sigma_{1,2,1,1}\Sigma_2 + 2\Sigma_1\Sigma_{1,2}\Sigma_{1,2,1,1,1,1} + 12\Sigma_1\Sigma_{1,2}\Sigma_2^2\Sigma_{2,1}(21.700)$$
$$- 6\Sigma_1\Sigma_{1,2}\Sigma_2\Sigma_{2,1,1,1} - 6\Sigma_1\Sigma_{1,2}\Sigma_{2,1}\Sigma_{2,1,1} + 2\Sigma_1\Sigma_{1,2}\Sigma_{2,1,1,1,1,1}(20.300)$$
$$- 3\Sigma_1\Sigma_{1,2,1}^2\Sigma_2 + 2\Sigma_1\Sigma_{1,2,1}\Sigma_{1,2,1,1,1} + 4\Sigma_1\Sigma_{1,2,1}\Sigma_2^3 - 6\Sigma_1\Sigma_{1,2,1}\Sigma_2\Sigma_{2,1,1}(26.400)$$
$$- 3\Sigma_1\Sigma_{1,2,1}\Sigma_{2,1}^2 + 2\Sigma_1\Sigma_{1,2,1}\Sigma_{2,1,1,1,1} + \Sigma_1\Sigma_{1,2,1,1}^2 - 6\Sigma_1\Sigma_{1,2,1,1}\Sigma_2\Sigma_{2,1}(23.400)$$
$$+ 2\Sigma_1\Sigma_{1,2,1,1}\Sigma_{2,1,1,1} - 3\Sigma_1\Sigma_{1,2,1,1,1}\Sigma_2^2 + 2\Sigma_1\Sigma_{1,2,1,1,1}\Sigma_{2,1,1} + 2\Sigma_1\Sigma_{1,2,1,1,1,1,1}\Sigma_{2,1}(24.200)$$
$$+ 2\Sigma_1\Sigma_{1,2,1,1,1,1,1}\Sigma_2 - \Sigma_1\Sigma_{1,2,1,1,1,1,1,1,1} - \Sigma_1\Sigma_2^5 + 4\Sigma_1\Sigma_2^3\Sigma_{2,1,1}(21.800)$$
$$+ 6\Sigma_1\Sigma_2^2\Sigma_{2,1}^2 - 3\Sigma_1\Sigma_2^2\Sigma_{2,1,1,1,1} - 6\Sigma_1\Sigma_2\Sigma_{2,1}\Sigma_{2,1,1,1}(20.500)$$
$$- 3\Sigma_1\Sigma_2\Sigma_{2,1,1}^2 + 2\Sigma_1\Sigma_2\Sigma_{2,1,1,1,1,1,1} - 3\Sigma_1\Sigma_{2,1}^2\Sigma_{2,1,1} + 2\Sigma_1\Sigma_{2,1}\Sigma_{2,1,1,1,1,1,1}(24.800)$$
$$+ 2\Sigma_1\Sigma_{2,1,1}\Sigma_{2,1,1,1,1} + \Sigma_1\Sigma_{2,1,1,1}^2 - \Sigma_1\Sigma_{2,1,1,1,1,1,1,1,1} - \Sigma_{1,1}^3\Sigma_{1,4} - \Sigma_{1,1}^3\Sigma_{2,3}(21.100)$$

$$-\Sigma_{1,1}^3\Sigma_{3,2} - \Sigma_{1,1}^3\Sigma_{4,1} - 3\Sigma_{1,1}^2\Sigma_{1,1,1}\Sigma_4 + \Sigma_{1,1}^2\Sigma_{1,1,1,1,3} + \Sigma_{1,1}^2\Sigma_{1,1,1,2,2} + \Sigma_{1,1}^2\Sigma_{1,1,1,3,1}(23.400)$$

$$-3\Sigma_{1,1}^2\Sigma_{1,1,2}\Sigma_3 + \Sigma_{1,1}^2\Sigma_{1,1,2,1,2} + \Sigma_{1,1}^2\Sigma_{1,1,2,2,1} - 3\Sigma_{1,1}^2\Sigma_{1,1,3}\Sigma_2 + \Sigma_{1,1}^2\Sigma_{1,1,3,1,1}(22.300)$$

$$-3\Sigma_{1,1}^2\Sigma_{1,2}\Sigma_{1,3} - 3\Sigma_{1,1}^2\Sigma_{1,2}\Sigma_{2,2} - 3\Sigma_{1,1}^2\Sigma_{1,2}\Sigma_{3,1} - 3\Sigma_{1,1}^2\Sigma_{1,2,1}\Sigma_3(21.800)$$

$$+\Sigma_{1,1}^2\Sigma_{1,2,1,1,2} + \Sigma_{1,1}^2\Sigma_{1,2,1,2,1} - 3\Sigma_{1,1}^2\Sigma_{1,2,2}\Sigma_2 + \Sigma_{1,1}^2\Sigma_{1,2,2,1,1} - 3\Sigma_{1,1}^2\Sigma_{1,3}\Sigma_{2,1}(21.700)$$

$$-3\Sigma_{1,1}^2\Sigma_{1,3,1}\Sigma_2 + \Sigma_{1,1}^2\Sigma_{1,3,1,1,1} + 6\Sigma_{1,1}^2\Sigma_2^2\Sigma_3 - 3\Sigma_{1,1}^2\Sigma_2\Sigma_{2,1,2}(21.800)$$

$$-3\Sigma_{1,1}^2\Sigma_2\Sigma_{2,2,1} - 3\Sigma_{1,1}^2\Sigma_2\Sigma_{3,1,1} - 3\Sigma_{1,1}^2\Sigma_{2,1}\Sigma_{2,2} - 3\Sigma_{1,1}^2\Sigma_{2,1}\Sigma_{3,1}(22.400)$$

$$-3\Sigma_{1,1}^2\Sigma_{2,1,1}\Sigma_3 + \Sigma_{1,1}^2\Sigma_{2,1,1,1,2} + \Sigma_{1,1}^2\Sigma_{2,1,1,2,1} + \Sigma_{1,1}^2\Sigma_{2,1,2,1,1} + \Sigma_{1,1}^2\Sigma_{2,2,1,1,1} + \Sigma_{1,1}^2\Sigma_{3,1,1,1,1}(23.400)$$

$$+2\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{1,1,1,3} + 2\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{1,1,2,2} + 2\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{1,1,3,1} - 6\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{1,2}\Sigma_3(22.800)$$

$$+2\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{1,2,1,2} + 2\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{1,2,2,1} - 6\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{1,3}\Sigma_2 + 2\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{1,3,1,1}(22.800)$$

$$-6\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_2\Sigma_{2,2} - 6\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_2\Sigma_{3,1} - 6\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{2,1}\Sigma_3(20.700)$$

$$+2\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{2,1,1,2} + 2\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{2,1,2,1} + 2\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{2,2,1,1} + 2\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{3,1,1,1}(21.200)$$

$$+2\Sigma_{1,1}\Sigma_{1,1,1,1}\Sigma_{1,1,3} + 2\Sigma_{1,1}\Sigma_{1,1,1,1}\Sigma_{1,2,2} + 2\Sigma_{1,1}\Sigma_{1,1,1,1}\Sigma_{1,3,1} - 6\Sigma_{1,1}\Sigma_{1,1,1,1}\Sigma_2\Sigma_3(23.400)$$

$$+2\Sigma_{1,1}\Sigma_{1,1,1,1}\Sigma_{2,1,2} + 2\Sigma_{1,1}\Sigma_{1,1,1,1}\Sigma_{2,2,1} + 2\Sigma_{1,1}\Sigma_{1,1,1,1}\Sigma_{3,1,1} + 2\Sigma_{1,1}\Sigma_{1,1,1,1,1}\Sigma_{1,3}(21.200)$$

$$+2\Sigma_{1,1}\Sigma_{1,1,1,1,1}\Sigma_{2,2} + 2\Sigma_{1,1}\Sigma_{1,1,1,1,1}\Sigma_{3,1} + 2\Sigma_{1,1}\Sigma_{1,1,1,1,1,1}\Sigma_3 - \Sigma_{1,1}\Sigma_{1,1,1,1,1,1,2} - \Sigma_{1,1}\Sigma_{1,1,1,1,1,2,1}(23.500)$$

$$+2\Sigma_{1,1}\Sigma_{1,1,1,1,1,2}\Sigma_2 - \Sigma_{1,1}\Sigma_{1,1,1,1,1,2,1,1} + 2\Sigma_{1,1}\Sigma_{1,1,1,1,2}\Sigma_{1,2} + 2\Sigma_{1,1}\Sigma_{1,1,1,1,2}\Sigma_{2,1} + 2\Sigma_{1,1}\Sigma_{1,1,1,1,2,1}\Sigma_2(25.900)$$

$$-\Sigma_{1,1}\Sigma_{1,1,1,1,2,1,1,1} + 2\Sigma_{1,1}\Sigma_{1,1,1,2}\Sigma_{1,1,2} + 2\Sigma_{1,1}\Sigma_{1,1,1,2}\Sigma_{1,2,1} - 3\Sigma_{1,1}\Sigma_{1,1,1,2}\Sigma_2^2 + 2\Sigma_{1,1}\Sigma_{1,1,1,2}\Sigma_{2,1,1}(25.300)$$

$$+2\Sigma_{1,1}\Sigma_{1,1,1,2,1}\Sigma_{1,2} + 2\Sigma_{1,1}\Sigma_{1,1,1,2,1}\Sigma_{2,1} + 2\Sigma_{1,1}\Sigma_{1,1,1,2,1,1}\Sigma_2 - \Sigma_{1,1}\Sigma_{1,1,1,2,1,1,1,1} + 2\Sigma_{1,1}\Sigma_{1,1,2}\Sigma_{1,1,2,1}(25.300)$$

$$-6\Sigma_{1,1}\Sigma_{1,1,2}\Sigma_{1,2}\Sigma_2 + 2\Sigma_{1,1}\Sigma_{1,1,2}\Sigma_{1,2,1,1} - 6\Sigma_{1,1}\Sigma_{1,1,2}\Sigma_2\Sigma_{2,1} + 2\Sigma_{1,1}\Sigma_{1,1,2}\Sigma_{2,1,1,1}(24.400)$$

$$+2\Sigma_{1,1}\Sigma_{1,1,2,1}\Sigma_{1,2,1} - 3\Sigma_{1,1}\Sigma_{1,1,2,1}\Sigma_2^2 + 2\Sigma_{1,1}\Sigma_{1,1,2,1}\Sigma_{2,1,1} + 2\Sigma_{1,1}\Sigma_{1,1,2,1,1}\Sigma_{1,2}(21.800)$$

$$+2\Sigma_{1,1}\Sigma_{1,1,2,1,1}\Sigma_{2,1} + 2\Sigma_{1,1}\Sigma_{1,1,2,1,1,1}\Sigma_2 - \Sigma_{1,1}\Sigma_{1,1,2,1,1,1,1,1} - \Sigma_{1,1}\Sigma_{1,2}^3 - 3\Sigma_{1,1}\Sigma_{1,2}^2\Sigma_{2,1}(23.500)$$

$$-6\Sigma_{1,1}\Sigma_{1,2}\Sigma_{1,2,1}\Sigma_2 + 2\Sigma_{1,1}\Sigma_{1,2}\Sigma_{1,2,1,1,1} + 4\Sigma_{1,1}\Sigma_{1,2}\Sigma_2^3 - 6\Sigma_{1,1}\Sigma_{1,2}\Sigma_2\Sigma_{2,1,1}(25.000)$$

$$-3\Sigma_{1,1}\Sigma_{1,2}\Sigma_{2,1}^2 + 2\Sigma_{1,1}\Sigma_{1,2}\Sigma_{2,1,1,1,1} + 2\Sigma_{1,1}\Sigma_{1,2,1}\Sigma_{1,2,1,1} - 6\Sigma_{1,1}\Sigma_{1,2,1}\Sigma_2\Sigma_{2,1}(22.800)$$

$$+2\Sigma_{1,1}\Sigma_{1,2,1}\Sigma_{2,1,1,1} - 3\Sigma_{1,1}\Sigma_{1,2,1,1}\Sigma_2^2 + 2\Sigma_{1,1}\Sigma_{1,2,1,1}\Sigma_{2,1,1} + 2\Sigma_{1,1}\Sigma_{1,2,1,1,1}\Sigma_{2,1}(21.800)$$

$$+2\Sigma_{1,1}\Sigma_{1,2,1,1,1,1}\Sigma_2 - \Sigma_{1,1}\Sigma_{1,2,1,1,1,1,1,1} + 4\Sigma_{1,1}\Sigma_2^3\Sigma_{2,1} - 3\Sigma_{1,1}\Sigma_2^2\Sigma_{2,1,1,1}(21.200)$$

$$-6\Sigma_{1,1}\Sigma_2\Sigma_{2,1}\Sigma_{2,1,1} + 2\Sigma_{1,1}\Sigma_2\Sigma_{2,1,1,1,1,1} - \Sigma_{1,1}\Sigma_{2,1}^3 + 2\Sigma_{1,1}\Sigma_{2,1}\Sigma_{2,1,1,1,1,1}(21.600)$$

$$+2\Sigma_{1,1}\Sigma_{2,1,1}\Sigma_{2,1,1,1} - \Sigma_{1,1}\Sigma_{2,1,1,1,1,1,1,1} + \Sigma_{1,1,1}^2\Sigma_{1,1,3} + \Sigma_{1,1,1}^2\Sigma_{1,2,2} + \Sigma_{1,1,1}^2\Sigma_{1,3,1} - 3\Sigma_{1,1,1}^2\Sigma_2\Sigma_3(25.800)$$

$$+ \Sigma_{1,1,1}^2 \Sigma_{2,1,2} + \Sigma_{1,1,1}^2 \Sigma_{2,2,1} + \Sigma_{1,1,1}^2 \Sigma_{3,1,1} + 2\Sigma_{1,1,1}\Sigma_{1,1,1,1}\Sigma_{1,3} + 2\Sigma_{1,1,1}\Sigma_{1,1,1,1}\Sigma_{2,2} (21.100)$$

$$+ 2\Sigma_{1,1,1}\Sigma_{1,1,1,1}\Sigma_{3,1} + 2\Sigma_{1,1,1}\Sigma_{1,1,1,1,1}\Sigma_3 - \Sigma_{1,1,1}\Sigma_{1,1,1,1,1,1,2} - \Sigma_{1,1,1}\Sigma_{1,1,1,1,1,2,1} + 2\Sigma_{1,1,1}\Sigma_{1,1,1,1,2}\Sigma_2 (24.100)$$

$$- \Sigma_{1,1,1}\Sigma_{1,1,1,1,2,1,1} + 2\Sigma_{1,1,1}\Sigma_{1,1,1,2}\Sigma_{1,2} + 2\Sigma_{1,1,1}\Sigma_{1,1,1,2}\Sigma_{2,1} + 2\Sigma_{1,1,1}\Sigma_{1,1,1,2,1}\Sigma_2 - \Sigma_{1,1,1}\Sigma_{1,1,1,2,1,1,1} (23.500)$$

$$+ \Sigma_{1,1,1}\Sigma_{1,1,2}^2 + 2\Sigma_{1,1,1}\Sigma_{1,1,2}\Sigma_{1,2,1} - 3\Sigma_{1,1,1}\Sigma_{1,1,2}\Sigma_2^2 + 2\Sigma_{1,1,1}\Sigma_{1,1,2}\Sigma_{2,1,1} + 2\Sigma_{1,1,1}\Sigma_{1,1,2,1}\Sigma_{1,2} (25.300)$$

$$+ 2\Sigma_{1,1,1}\Sigma_{1,1,2,1}\Sigma_{2,1} + 2\Sigma_{1,1,1}\Sigma_{1,1,2,1,1}\Sigma_2 - \Sigma_{1,1,1}\Sigma_{1,1,2,1,1,1,1} - 3\Sigma_{1,1,1}\Sigma_{1,2}^2\Sigma_2 (20.600)$$

$$+ 2\Sigma_{1,1,1}\Sigma_{1,2}\Sigma_{1,2,1,1} - 6\Sigma_{1,1,1}\Sigma_{1,2}\Sigma_2\Sigma_{2,1} + 2\Sigma_{1,1,1}\Sigma_{1,2}\Sigma_{2,1,1,1} + \Sigma_{1,1,1}\Sigma_{1,2,1}^2 (21.000)$$

$$- 3\Sigma_{1,1,1}\Sigma_{1,2,1}\Sigma_2^2 + 2\Sigma_{1,1,1}\Sigma_{1,2,1}\Sigma_{2,1,1} + 2\Sigma_{1,1,1}\Sigma_{1,2,1,1}\Sigma_{2,1} + 2\Sigma_{1,1,1}\Sigma_{1,2,1,1,1}\Sigma_2 (22.400)$$

$$- \Sigma_{1,1,1}\Sigma_{1,2,1,1,1,1,1} + \Sigma_{1,1,1}\Sigma_2^4 - 3\Sigma_{1,1,1}\Sigma_2^2\Sigma_{2,1,1} - 3\Sigma_{1,1,1}\Sigma_2\Sigma_{2,1}^2 + 2\Sigma_{1,1,1}\Sigma_2\Sigma_{2,1,1,1,1} (25.300)$$

$$+ 2\Sigma_{1,1,1}\Sigma_{2,1}\Sigma_{2,1,1,1} + \Sigma_{1,1,1}\Sigma_{2,1,1}^2 - \Sigma_{1,1,1}\Sigma_{2,1,1,1,1,1,1} + \Sigma_{1,1,1,1}^2\Sigma_3 - \Sigma_{1,1,1,1}\Sigma_{1,1,1,1,1,2} - \Sigma_{1,1,1,1}\Sigma_{1,1,1,1,2,1} (23.400)$$

$$+ 2\Sigma_{1,1,1,1}\Sigma_{1,1,1,2}\Sigma_2 - \Sigma_{1,1,1,1}\Sigma_{1,1,1,2,1,1} + 2\Sigma_{1,1,1,1}\Sigma_{1,1,2}\Sigma_{1,2} + 2\Sigma_{1,1,1,1}\Sigma_{1,1,2}\Sigma_{2,1} + 2\Sigma_{1,1,1,1}\Sigma_{1,1,2,1}\Sigma_2 (25.900)$$

$$- \Sigma_{1,1,1,1}\Sigma_{1,1,2,1,1,1} + 2\Sigma_{1,1,1,1}\Sigma_{1,2}\Sigma_{1,2,1} - 3\Sigma_{1,1,1,1}\Sigma_{1,2}\Sigma_2^2 + 2\Sigma_{1,1,1,1}\Sigma_{1,2}\Sigma_{2,1,1} + 2\Sigma_{1,1,1,1}\Sigma_{1,2,1}\Sigma_{2,1} (25.300)$$

$$+ 2\Sigma_{1,1,1,1}\Sigma_{1,2,1,1}\Sigma_2 - \Sigma_{1,1,1,1}\Sigma_{1,2,1,1,1,1} - 3\Sigma_{1,1,1,1}\Sigma_2^2\Sigma_{2,1} + 2\Sigma_{1,1,1,1}\Sigma_2\Sigma_{2,1,1,1} (21.200)$$

$$+ 2\Sigma_{1,1,1,1}\Sigma_{2,1}\Sigma_{2,1,1} - \Sigma_{1,1,1,1}\Sigma_{2,1,1,1,1,1} - \Sigma_{1,1,1,1,1}\Sigma_{1,1,1,2} - \Sigma_{1,1,1,1,1}\Sigma_{1,1,1,2,1} + 2\Sigma_{1,1,1,1,1}\Sigma_{1,1,2}\Sigma_2 (21.700)$$

$$- \Sigma_{1,1,1,1,1}\Sigma_{1,1,2,1,1} + \Sigma_{1,1,1,1,1}\Sigma_{1,2}^2 + 2\Sigma_{1,1,1,1,1}\Sigma_{1,2}\Sigma_{2,1} + 2\Sigma_{1,1,1,1,1}\Sigma_{1,2,1}\Sigma_2 - \Sigma_{1,1,1,1,1}\Sigma_{1,2,1,1,1} (21.700)$$

$$- \Sigma_{1,1,1,1,1}\Sigma_2^3 + 2\Sigma_{1,1,1,1,1}\Sigma_2\Sigma_{2,1,1} + \Sigma_{1,1,1,1,1}\Sigma_{2,1}^2 - \Sigma_{1,1,1,1,1}\Sigma_{2,1,1,1,1} - \Sigma_{1,1,1,1,1,1}\Sigma_{1,1,1,2} (20.500)$$

$$- \Sigma_{1,1,1,1,1,1,1}\Sigma_{1,1,2,1} + 2\Sigma_{1,1,1,1,1,1}\Sigma_{1,2}\Sigma_2 - \Sigma_{1,1,1,1,1,1}\Sigma_{1,2,1,1} + 2\Sigma_{1,1,1,1,1,1}\Sigma_2\Sigma_{2,1} - \Sigma_{1,1,1,1,1,1}\Sigma_{2,1,1,1} (22.300)$$

$$- \Sigma_{1,1,1,1,1,1,1,1}\Sigma_{1,1,2} - \Sigma_{1,1,1,1,1,1,1,1}\Sigma_{1,2,1} + \Sigma_{1,1,1,1,1,1,1,1}\Sigma_2^2 - \Sigma_{1,1,1,1,1,1,1,1}\Sigma_{2,1,1} - \Sigma_{1,1,1,1,1,1,1,1,1}\Sigma_{1,2} - \Sigma_{1,1,1,1,1,1,1,1,1}\Sigma_{2,1} (21.600)$$

$$- \Sigma_{1,1,1,1,1,1,1,1,1,1}\Sigma_2 + \Sigma_{1,1,1,1,1,1,1,1,1,1,1,1}$$

$$- V_{00}(5\Sigma_1^4\Sigma_{1,6} + 5\Sigma_1^4\Sigma_{2,5} + 5\Sigma_1^4\Sigma_{3,4} + 5\Sigma_1^4\Sigma_{4,3} (23.600)$$

$$+ 5\Sigma_1^4\Sigma_{5,2} + 5\Sigma_1^4\Sigma_{6,1} + 20\Sigma_1^3\Sigma_{1,1}\Sigma_6 - 4\Sigma_1^3\Sigma_{1,1,1,5} (22.000)$$

$$- 4\Sigma_1^3\Sigma_{1,1,2,4} - 4\Sigma_1^3\Sigma_{1,1,3,3} - 4\Sigma_1^3\Sigma_{1,1,4,2} - 4\Sigma_1^3\Sigma_{1,1,5,1} + 20\Sigma_1^3\Sigma_{1,2}\Sigma_5 (26.900)$$

$$- 4\Sigma_1^3\Sigma_{1,2,1,4} - 4\Sigma_1^3\Sigma_{1,2,2,3} - 4\Sigma_1^3\Sigma_{1,2,3,2} - 4\Sigma_1^3\Sigma_{1,2,4,1} + 20\Sigma_1^3\Sigma_{1,3}\Sigma_4 (26.900)$$

$$- 4\Sigma_1^3\Sigma_{1,3,1,3} - 4\Sigma_1^3\Sigma_{1,3,2,2} - 4\Sigma_1^3\Sigma_{1,3,3,1} + 20\Sigma_1^3\Sigma_{1,4}\Sigma_3 (22.000)$$

$$- 4\Sigma_1^3\Sigma_{1,4,1,2} - 4\Sigma_1^3\Sigma_{1,4,2,1} + 20\Sigma_1^3\Sigma_{1,5}\Sigma_2 - 4\Sigma_1^3\Sigma_{1,5,1,1} (22.000)$$

$$+ 20\Sigma_1^3\Sigma_2\Sigma_{2,4} + 20\Sigma_1^3\Sigma_2\Sigma_{3,3} + 20\Sigma_1^3\Sigma_2\Sigma_{4,2} (21.900)$$

$$+ 20\Sigma_1^3\Sigma_2\Sigma_{5,1} + 20\Sigma_1^3\Sigma_{2,1}\Sigma_5 - 4\Sigma_1^3\Sigma_{2,1,1,4} - 4\Sigma_1^3\Sigma_{2,1,2,3} (24.400)$$

$$- 4\Sigma_1^3\Sigma_{2,1,3,2} - 4\Sigma_1^3\Sigma_{2,1,4,1} + 20\Sigma_1^3\Sigma_{2,2}\Sigma_4 - 4\Sigma_1^3\Sigma_{2,2,1,3}(22.000)$$

$$- 4\Sigma_1^3\Sigma_{2,2,2,2} - 4\Sigma_1^3\Sigma_{2,2,3,1} + 20\Sigma_1^3\Sigma_{2,3}\Sigma_3 - 4\Sigma_1^3\Sigma_{2,3,1,2}(22.000)$$

$$- 4\Sigma_1^3\Sigma_{2,3,2,1} - 4\Sigma_1^3\Sigma_{2,4,1,1} + 20\Sigma_1^3\Sigma_3\Sigma_{3,2} + 20\Sigma_1^3\Sigma_3\Sigma_{4,1}(24.400)$$

$$+ 20\Sigma_1^3\Sigma_{3,1}\Sigma_4 - 4\Sigma_1^3\Sigma_{3,1,1,3} - 4\Sigma_1^3\Sigma_{3,1,2,2} - 4\Sigma_1^3\Sigma_{3,1,3,1}(22.000)$$

$$- 4\Sigma_1^3\Sigma_{3,2,1,2} - 4\Sigma_1^3\Sigma_{3,2,2,1} - 4\Sigma_1^3\Sigma_{3,3,1,1} - 4\Sigma_1^3\Sigma_{4,1,1,2} - 4\Sigma_1^3\Sigma_{4,1,2,1}(24.500)$$

$$- 4\Sigma_1^3\Sigma_{4,2,1,1} - 4\Sigma_1^3\Sigma_{5,1,1,1} - 12\Sigma_1^2\Sigma_{1,1}\Sigma_{1,1,5} - 12\Sigma_1^2\Sigma_{1,1}\Sigma_{1,2,4}(23.200)$$

$$- 12\Sigma_1^2\Sigma_{1,1}\Sigma_{1,3,3} - 12\Sigma_1^2\Sigma_{1,1}\Sigma_{1,4,2} - 12\Sigma_1^2\Sigma_{1,1}\Sigma_{1,5,1}(20.100)$$

$$+ 60\Sigma_1^2\Sigma_{1,1}\Sigma_2\Sigma_5 - 12\Sigma_1^2\Sigma_{1,1}\Sigma_{2,1,4} - 12\Sigma_1^2\Sigma_{1,1}\Sigma_{2,2,3}(22.300)$$

$$- 12\Sigma_1^2\Sigma_{1,1}\Sigma_{2,3,2} - 12\Sigma_1^2\Sigma_{1,1}\Sigma_{2,4,1} + 60\Sigma_1^2\Sigma_{1,1}\Sigma_3\Sigma_4(22.300)$$

$$- 12\Sigma_1^2\Sigma_{1,1}\Sigma_{3,1,3} - 12\Sigma_1^2\Sigma_{1,1}\Sigma_{3,2,2} - 12\Sigma_1^2\Sigma_{1,1}\Sigma_{3,3,1}(20.100)$$

$$- 12\Sigma_1^2\Sigma_{1,1}\Sigma_{4,1,2} - 12\Sigma_1^2\Sigma_{1,1}\Sigma_{4,2,1} - 12\Sigma_1^2\Sigma_{1,1}\Sigma_{5,1,1}(20.100)$$

$$- 12\Sigma_1^2\Sigma_{1,1,1}\Sigma_{1,5} - 12\Sigma_1^2\Sigma_{1,1,1}\Sigma_{2,4} - 12\Sigma_1^2\Sigma_{1,1,1}\Sigma_{3,3}(20.100)$$

$$- 12\Sigma_1^2\Sigma_{1,1,1}\Sigma_{4,2} - 12\Sigma_1^2\Sigma_{1,1,1}\Sigma_{5,1} - 12\Sigma_1^2\Sigma_{1,1,1,1}\Sigma_5(20.700)$$

$$+ 3\Sigma_1^2\Sigma_{1,1,1,1,1,4} + 3\Sigma_1^2\Sigma_{1,1,1,1,2,3} + 3\Sigma_1^2\Sigma_{1,1,1,1,3,2} + 3\Sigma_1^2\Sigma_{1,1,1,1,4,1} - 12\Sigma_1^2\Sigma_{1,1,1,2}\Sigma_4(26.900)$$

$$+ 3\Sigma_1^2\Sigma_{1,1,1,2,1,3} + 3\Sigma_1^2\Sigma_{1,1,1,2,2,2} + 3\Sigma_1^2\Sigma_{1,1,1,2,3,1} - 12\Sigma_1^2\Sigma_{1,1,1,3}\Sigma_3(22.000)$$

$$+ 3\Sigma_1^2\Sigma_{1,1,1,3,1,2} + 3\Sigma_1^2\Sigma_{1,1,1,3,2,1} - 12\Sigma_1^2\Sigma_{1,1,1,4}\Sigma_2 + 3\Sigma_1^2\Sigma_{1,1,1,4,1,1}(22.000)$$

$$- 12\Sigma_1^2\Sigma_{1,1,2}\Sigma_{1,4} - 12\Sigma_1^2\Sigma_{1,1,2}\Sigma_{2,3} - 12\Sigma_1^2\Sigma_{1,1,2}\Sigma_{3,2}(20.100)$$

$$- 12\Sigma_1^2\Sigma_{1,1,2}\Sigma_{4,1} - 12\Sigma_1^2\Sigma_{1,1,2,1}\Sigma_4 + 3\Sigma_1^2\Sigma_{1,1,2,1,1,3} + 3\Sigma_1^2\Sigma_{1,1,2,1,2,2}(23.800)$$

$$+ 3\Sigma_1^2\Sigma_{1,1,2,1,3,1} - 12\Sigma_1^2\Sigma_{1,1,2,2}\Sigma_3 + 3\Sigma_1^2\Sigma_{1,1,2,2,1,2} + 3\Sigma_1^2\Sigma_{1,1,2,2,2,1}(22.000)$$

$$- 12\Sigma_1^2\Sigma_{1,1,2,3}\Sigma_2 + 3\Sigma_1^2\Sigma_{1,1,2,3,1,1} - 12\Sigma_1^2\Sigma_{1,1,3}\Sigma_{1,3} - 12\Sigma_1^2\Sigma_{1,1,3}\Sigma_{2,2}(25.600)$$

$$- 12\Sigma_1^2\Sigma_{1,1,3}\Sigma_{3,1} - 12\Sigma_1^2\Sigma_{1,1,3,1}\Sigma_3 + 3\Sigma_1^2\Sigma_{1,1,3,1,1,2} + 3\Sigma_1^2\Sigma_{1,1,3,1,2,1}(23.800)$$

$$- 12\Sigma_1^2\Sigma_{1,1,3,2}\Sigma_2 + 3\Sigma_1^2\Sigma_{1,1,3,2,1,1} - 12\Sigma_1^2\Sigma_{1,1,4}\Sigma_{1,2} - 12\Sigma_1^2\Sigma_{1,1,4}\Sigma_{2,1}(25.600)$$

$$- 12\Sigma_1^2\Sigma_{1,1,4,1}\Sigma_2 + 3\Sigma_1^2\Sigma_{1,1,4,1,1,1} - 12\Sigma_1^2\Sigma_{1,2}\Sigma_{1,2,3} - 12\Sigma_1^2\Sigma_{1,2}\Sigma_{1,3,2}(25.600)$$

$$- 12\Sigma_1^2\Sigma_{1,2}\Sigma_{1,4,1} + 60\Sigma_1^2\Sigma_{1,2}\Sigma_2\Sigma_4 - 12\Sigma_1^2\Sigma_{1,2}\Sigma_{2,1,3}(22.300)$$

$$- 12\Sigma_1^2\Sigma_{1,2}\Sigma_{2,2,2} - 12\Sigma_1^2\Sigma_{1,2}\Sigma_{2,3,1} + 30\Sigma_1^2\Sigma_{1,2}\Sigma_3^2(20.700)$$

$$- 12\Sigma_1^2\Sigma_{1,2}\Sigma_{3,1,2} - 12\Sigma_1^2\Sigma_{1,2}\Sigma_{3,2,1} - 12\Sigma_1^2\Sigma_{1,2}\Sigma_{4,1,1}(20.100)$$

$$- 12\Sigma_1^2\Sigma_{1,2,1}\Sigma_{1,4} - 12\Sigma_1^2\Sigma_{1,2,1}\Sigma_{2,3} - 12\Sigma_1^2\Sigma_{1,2,1}\Sigma_{3,2}(20.100)$$

$$- 12\Sigma_1^2\Sigma_{1,2,1}\Sigma_{4,1} - 12\Sigma_1^2\Sigma_{1,2,1,1}\Sigma_4 + 3\Sigma_1^2\Sigma_{1,2,1,1,1,3} + 3\Sigma_1^2\Sigma_{1,2,1,1,2,2}(23.800)$$

$$+ 3\Sigma_1^2\Sigma_{1,2,1,1,3,1} - 12\Sigma_1^2\Sigma_{1,2,1,2}\Sigma_3 + 3\Sigma_1^2\Sigma_{1,2,1,2,1,2} + 3\Sigma_1^2\Sigma_{1,2,1,2,2,1}(22.000)$$

$$- 12\Sigma_1^2\Sigma_{1,2,1,3}\Sigma_2 + 3\Sigma_1^2\Sigma_{1,2,1,3,1,1} - 12\Sigma_1^2\Sigma_{1,2,2}\Sigma_{1,3} - 12\Sigma_1^2\Sigma_{1,2,2}\Sigma_{2,2}(25.600)$$

$$- 12\Sigma_1^2\Sigma_{1,2,2}\Sigma_{3,1} - 12\Sigma_1^2\Sigma_{1,2,2,1}\Sigma_3 + 3\Sigma_1^2\Sigma_{1,2,2,1,1,2} + 3\Sigma_1^2\Sigma_{1,2,2,1,2,1}(23.800)$$

$$- 12\Sigma_1^2\Sigma_{1,2,2,2}\Sigma_2 + 3\Sigma_1^2\Sigma_{1,2,2,2,1,1} - 12\Sigma_1^2\Sigma_{1,2,3}\Sigma_{2,1} - 12\Sigma_1^2\Sigma_{1,2,3,1}\Sigma_2(26.200)$$

$$+ 3\Sigma_1^2\Sigma_{1,2,3,1,1,1} - 12\Sigma_1^2\Sigma_{1,3}\Sigma_{1,3,1} + 60\Sigma_1^2\Sigma_{1,3}\Sigma_2\Sigma_3(20.500)$$

$$- 12\Sigma_1^2\Sigma_{1,3}\Sigma_{2,1,2} - 12\Sigma_1^2\Sigma_{1,3}\Sigma_{2,2,1} - 12\Sigma_1^2\Sigma_{1,3}\Sigma_{3,1,1}(20.100)$$

$$- 12\Sigma_1^2\Sigma_{1,3,1}\Sigma_{2,2} - 12\Sigma_1^2\Sigma_{1,3,1}\Sigma_{3,1} - 12\Sigma_1^2\Sigma_{1,3,1,1}\Sigma_3(20.700)$$

$$+ 3\Sigma_1^2\Sigma_{1,3,1,1,1,2} + 3\Sigma_1^2\Sigma_{1,3,1,1,2,1} - 12\Sigma_1^2\Sigma_{1,3,1,2}\Sigma_2 + 3\Sigma_1^2\Sigma_{1,3,1,2,1,1}(22.000)$$

$$- 12\Sigma_1^2\Sigma_{1,3,2}\Sigma_{2,1} - 12\Sigma_1^2\Sigma_{1,3,2,1}\Sigma_2 + 3\Sigma_1^2\Sigma_{1,3,2,1,1,1} + 30\Sigma_1^2\Sigma_{1,4}\Sigma_2^2(26.200)$$

$$- 12\Sigma_1^2\Sigma_{1,4}\Sigma_{2,1,1} - 12\Sigma_1^2\Sigma_{1,4,1}\Sigma_{2,1} - 12\Sigma_1^2\Sigma_{1,4,1,1}\Sigma_2(20.700)$$

$$+ 3\Sigma_1^2\Sigma_{1,4,1,1,1,1} + 30\Sigma_1^2\Sigma_2^2\Sigma_{2,3} + 30\Sigma_1^2\Sigma_2^2\Sigma_{3,2} + 30\Sigma_1^2\Sigma_2^2\Sigma_{4,1}(26.800)$$

$$+ 60\Sigma_1^2\Sigma_2\Sigma_{2,1}\Sigma_4 - 12\Sigma_1^2\Sigma_2\Sigma_{2,1,1,3} - 12\Sigma_1^2\Sigma_2\Sigma_{2,1,2,2}(23.500)$$

$$- 12\Sigma_1^2\Sigma_2\Sigma_{2,1,3,1} + 60\Sigma_1^2\Sigma_2\Sigma_{2,2}\Sigma_3 - 12\Sigma_1^2\Sigma_2\Sigma_{2,2,1,2}(23.500)$$

$$- 12\Sigma_1^2\Sigma_2\Sigma_{2,2,2,1} - 12\Sigma_1^2\Sigma_2\Sigma_{2,3,1,1} + 60\Sigma_1^2\Sigma_2\Sigma_3\Sigma_{3,1}(23.500)$$

$$- 12\Sigma_1^2\Sigma_2\Sigma_{3,1,1,2} - 12\Sigma_1^2\Sigma_2\Sigma_{3,1,2,1} - 12\Sigma_1^2\Sigma_2\Sigma_{3,2,1,1}(21.900)$$

$$- 12\Sigma_1^2\Sigma_2\Sigma_{4,1,1,1} - 12\Sigma_1^2\Sigma_{2,1}\Sigma_{2,1,3} - 12\Sigma_1^2\Sigma_{2,1}\Sigma_{2,2,2}(20.700)$$

$$- 12\Sigma_1^2\Sigma_{2,1}\Sigma_{2,3,1} + 30\Sigma_1^2\Sigma_{2,1}\Sigma_3^2 - 12\Sigma_1^2\Sigma_{2,1}\Sigma_{3,1,2}(20.700)$$

$$- 12\Sigma_1^2\Sigma_{2,1}\Sigma_{3,2,1} - 12\Sigma_1^2\Sigma_{2,1}\Sigma_{4,1,1} - 12\Sigma_1^2\Sigma_{2,1,1}\Sigma_{2,3}(20.100)$$

$$- 12\Sigma_1^2\Sigma_{2,1,1}\Sigma_{3,2} - 12\Sigma_1^2\Sigma_{2,1,1}\Sigma_{4,1} - 12\Sigma_1^2\Sigma_{2,1,1,1}\Sigma_4(20.700)$$

$$+ 3\Sigma_1^2\Sigma_{2,1,1,1,1,3} + 3\Sigma_1^2\Sigma_{2,1,1,1,2,2} + 3\Sigma_1^2\Sigma_{2,1,1,1,3,1} - 12\Sigma_1^2\Sigma_{2,1,1,2}\Sigma_3(22.000)$$

$$+ 3\Sigma_1^2\Sigma_{2,1,1,2,1,2} + 3\Sigma_1^2\Sigma_{2,1,1,2,2,1} + 3\Sigma_1^2\Sigma_{2,1,1,3,1,1} - 12\Sigma_1^2\Sigma_{2,1,2}\Sigma_{2,2}(21.400)$$

$$- 12\Sigma_1^2\Sigma_{2,1,2}\Sigma_{3,1} - 12\Sigma_1^2\Sigma_{2,1,2,1}\Sigma_3 + 3\Sigma_1^2\Sigma_{2,1,2,1,1,2} + 3\Sigma_1^2\Sigma_{2,1,2,1,2,1}(23.800)$$

$$+ 3\Sigma_1^2\Sigma_{2,1,2,2,1,1} + 3\Sigma_1^2\Sigma_{2,1,3,1,1,1} - 12\Sigma_1^2\Sigma_{2,2}\Sigma_{2,2,1} - 12\Sigma_1^2\Sigma_{2,2}\Sigma_{3,1,1}(23.200)$$

$$- 12\Sigma_1^2\Sigma_{2,2,1}\Sigma_{3,1} - 12\Sigma_1^2\Sigma_{2,2,1,1}\Sigma_3 + 3\Sigma_1^2\Sigma_{2,2,1,1,1,2} + 3\Sigma_1^2\Sigma_{2,2,1,1,2,1}(23.800)$$

$$+ 3\Sigma_1^2\Sigma_{2,2,1,2,1,1} + 3\Sigma_1^2\Sigma_{2,2,2,1,1,1} + 3\Sigma_1^2\Sigma_{2,3,1,1,1,1} - 12\Sigma_1^2\Sigma_3\Sigma_{3,1,1,1}(22.000)$$

$$- 12\Sigma_1^2\Sigma_{3,1}\Sigma_{3,1,1} + 3\Sigma_1^2\Sigma_{3,1,1,1,1,2} + 3\Sigma_1^2\Sigma_{3,1,1,1,2,1} + 3\Sigma_1^2\Sigma_{3,1,1,2,1,1}(21.400)$$

$$+ 3\Sigma_1^2\Sigma_{3,1,2,1,1,1} + 3\Sigma_1^2\Sigma_{3,2,1,1,1,1} + 3\Sigma_1^2\Sigma_{4,1,1,1,1,1} - 12\Sigma_1\Sigma_{1,1}^2\Sigma_{1,5}(21.400)$$

$$- 12\Sigma_1\Sigma_{1,1}^2\Sigma_{2,4} - 12\Sigma_1\Sigma_{1,1}^2\Sigma_{3,3} - 12\Sigma_1\Sigma_{1,1}^2\Sigma_{4,2}(20.100)$$

$$- 12\Sigma_1\Sigma_{1,1}^2\Sigma_{5,1} - 24\Sigma_1\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_5 + 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,1,1,4}(20.900)$$

$$+ 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,1,2,3} + 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,1,3,2} + 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,1,4,1} - 24\Sigma_1\Sigma_{1,1}\Sigma_{1,1,2}\Sigma_4(26.000)$$

$$+ 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,2,1,3} + 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,2,2,2} + 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,2,3,1} - 24\Sigma_1\Sigma_{1,1}\Sigma_{1,1,3}\Sigma_3(26.000)$$

$$+ 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,3,1,2} + 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,3,2,1} - 24\Sigma_1\Sigma_{1,1}\Sigma_{1,1,4}\Sigma_2(20.100)$$

$$+ 6\Sigma_1\Sigma_{1,1}\Sigma_{1,1,4,1,1} - 24\Sigma_1\Sigma_{1,1}\Sigma_{1,2}\Sigma_{1,4} - 24\Sigma_1\Sigma_{1,1}\Sigma_{1,2}\Sigma_{2,3}(21.300)$$

$$- 24\Sigma_1\Sigma_{1,1}\Sigma_{1,2}\Sigma_{3,2} - 24\Sigma_1\Sigma_{1,1}\Sigma_{1,2}\Sigma_{4,1} - 24\Sigma_1\Sigma_{1,1}\Sigma_{1,2,1}\Sigma_4(23.700)$$

$$+ 6\Sigma_1\Sigma_{1,1}\Sigma_{1,2,1,1,3} + 6\Sigma_1\Sigma_{1,1}\Sigma_{1,2,1,2,2} + 6\Sigma_1\Sigma_{1,1}\Sigma_{1,2,1,3,1} - 24\Sigma_1\Sigma_{1,1}\Sigma_{1,2,2}\Sigma_3(26.000)$$

$$+ 6\Sigma_1\Sigma_{1,1}\Sigma_{1,2,2,1,2} + 6\Sigma_1\Sigma_{1,1}\Sigma_{1,2,2,2,1} - 24\Sigma_1\Sigma_{1,1}\Sigma_{1,2,3}\Sigma_2(20.100)$$

$$+ 6\Sigma_1\Sigma_{1,1}\Sigma_{1,2,3,1,1} - 12\Sigma_1\Sigma_{1,1}\Sigma_{1,3}^2 - 24\Sigma_1\Sigma_{1,1}\Sigma_{1,3}\Sigma_{2,2}(20.300)$$

$$- 24\Sigma_1\Sigma_{1,1}\Sigma_{1,3}\Sigma_{3,1} - 24\Sigma_1\Sigma_{1,1}\Sigma_{1,3,1}\Sigma_3 + 6\Sigma_1\Sigma_{1,1}\Sigma_{1,3,1,1,2}(21.900)$$

$$+ 6\Sigma_1\Sigma_{1,1}\Sigma_{1,3,1,2,1} - 24\Sigma_1\Sigma_{1,1}\Sigma_{1,3,2}\Sigma_2 + 6\Sigma_1\Sigma_{1,1}\Sigma_{1,3,2,1,1}(20.100)$$

$$- 24\Sigma_1\Sigma_{1,1}\Sigma_{1,4}\Sigma_{2,1} - 24\Sigma_1\Sigma_{1,1}\Sigma_{1,4,1}\Sigma_2 + 6\Sigma_1\Sigma_{1,1}\Sigma_{1,4,1,1,1}(21.900)$$

$$+ 60\Sigma_1\Sigma_{1,1}\Sigma_2^2\Sigma_4 - 24\Sigma_1\Sigma_{1,1}\Sigma_2\Sigma_{2,1,3} - 24\Sigma_1\Sigma_{1,1}\Sigma_2\Sigma_{2,2,2}(25.500)$$

$$- 24\Sigma_1\Sigma_{1,1}\Sigma_2\Sigma_{2,3,1} + 60\Sigma_1\Sigma_{1,1}\Sigma_2\Sigma_3^2 - 24\Sigma_1\Sigma_{1,1}\Sigma_2\Sigma_{3,1,2}(25.500)$$

$$- 24\Sigma_1\Sigma_{1,1}\Sigma_2\Sigma_{3,2,1} - 24\Sigma_1\Sigma_{1,1}\Sigma_2\Sigma_{4,1,1} - 24\Sigma_1\Sigma_{1,1}\Sigma_{2,1}\Sigma_{2,3}(24.300)$$

$$- 24\Sigma_1\Sigma_{1,1}\Sigma_{2,1}\Sigma_{3,2} - 24\Sigma_1\Sigma_{1,1}\Sigma_{2,1}\Sigma_{4,1} - 24\Sigma_1\Sigma_{1,1}\Sigma_{2,1,1}\Sigma_4(23.700)$$

$$+ 6\Sigma_1\Sigma_{1,1}\Sigma_{2,1,1,1,3} + 6\Sigma_1\Sigma_{1,1}\Sigma_{2,1,1,2,2} + 6\Sigma_1\Sigma_{1,1}\Sigma_{2,1,1,3,1} - 24\Sigma_1\Sigma_{1,1}\Sigma_{2,1,2}\Sigma_3(26.000)$$

$$+ 6\Sigma_1\Sigma_{1,1}\Sigma_{2,1,2,1,2} + 6\Sigma_1\Sigma_{1,1}\Sigma_{2,1,2,2,1} + 6\Sigma_1\Sigma_{1,1}\Sigma_{2,1,3,1,1} - 12\Sigma_1\Sigma_{1,1}\Sigma_{2,2}^2(24.400)$$

$$- 24\Sigma_1\Sigma_{1,1}\Sigma_{2,2}\Sigma_{3,1} - 24\Sigma_1\Sigma_{1,1}\Sigma_{2,2,1}\Sigma_3 + 6\Sigma_1\Sigma_{1,1}\Sigma_{2,2,1,1,2}(21.900)$$

$$+ 6\Sigma_1\Sigma_{1,1}\Sigma_{2,2,1,2,1} + 6\Sigma_1\Sigma_{1,1}\Sigma_{2,2,2,1,1} + 6\Sigma_1\Sigma_{1,1}\Sigma_{2,3,1,1,1} - 24\Sigma_1\Sigma_{1,1}\Sigma_3\Sigma_{3,1,1}(26.000)$$

$$- 12\Sigma_1\Sigma_{1,1}\Sigma_{3,1}^2 + 6\Sigma_1\Sigma_{1,1}\Sigma_{3,1,1,1,2} + 6\Sigma_1\Sigma_{1,1}\Sigma_{3,1,1,2,1} + 6\Sigma_1\Sigma_{1,1}\Sigma_{3,1,2,1,1}(24.400)$$

$$+ 6\Sigma_1\Sigma_{1,1}\Sigma_{3,2,1,1,1} + 6\Sigma_1\Sigma_{1,1}\Sigma_{4,1,1,1,1} + 6\Sigma_1\Sigma_{1,1,1}\Sigma_{1,1,1,4} + 6\Sigma_1\Sigma_{1,1,1}\Sigma_{1,1,2,3}(23.600)$$

$$+ 6\Sigma_1\Sigma_{1,1,1}\Sigma_{1,1,3,2} + 6\Sigma_1\Sigma_{1,1,1}\Sigma_{1,1,4,1} - 24\Sigma_1\Sigma_{1,1,1}\Sigma_{1,2}\Sigma_4(20.100)$$

$$+ 6\Sigma_1\Sigma_{1,1,1}\Sigma_{1,2,1,3} + 6\Sigma_1\Sigma_{1,1,1}\Sigma_{1,2,2,2} + 6\Sigma_1\Sigma_{1,1,1}\Sigma_{1,2,3,1} - 24\Sigma_1\Sigma_{1,1,1}\Sigma_{1,3}\Sigma_3(26.000)$$

$$+ 6\Sigma_1\Sigma_{1,1,1}\Sigma_{1,3,1,2} + 6\Sigma_1\Sigma_{1,1,1}\Sigma_{1,3,2,1} - 24\Sigma_1\Sigma_{1,1,1}\Sigma_{1,4}\Sigma_2 (20.100)$$

$$+ 6\Sigma_1\Sigma_{1,1,1}\Sigma_{1,4,1,1} - 24\Sigma_1\Sigma_{1,1,1}\Sigma_2\Sigma_{2,3} - 24\Sigma_1\Sigma_{1,1,1}\Sigma_2\Sigma_{3,2} (22.500)$$

$$- 24\Sigma_1\Sigma_{1,1,1}\Sigma_2\Sigma_{4,1} - 24\Sigma_1\Sigma_{1,1,1}\Sigma_{2,1}\Sigma_4 + 6\Sigma_1\Sigma_{1,1,1}\Sigma_{2,1,1,3} (22.500)$$

$$+ 6\Sigma_1\Sigma_{1,1,1}\Sigma_{2,1,2,2} + 6\Sigma_1\Sigma_{1,1,1}\Sigma_{2,1,3,1} - 24\Sigma_1\Sigma_{1,1,1}\Sigma_{2,2}\Sigma_3 (20.100)$$

$$+ 6\Sigma_1\Sigma_{1,1,1}\Sigma_{2,2,1,2} + 6\Sigma_1\Sigma_{1,1,1}\Sigma_{2,2,2,1} + 6\Sigma_1\Sigma_{1,1,1}\Sigma_{2,3,1,1} - 24\Sigma_1\Sigma_{1,1,1}\Sigma_3\Sigma_{3,1} (26.000)$$

$$+ 6\Sigma_1\Sigma_{1,1,1}\Sigma_{3,1,1,2} + 6\Sigma_1\Sigma_{1,1,1}\Sigma_{3,1,2,1} + 6\Sigma_1\Sigma_{1,1,1}\Sigma_{3,2,1,1} + 6\Sigma_1\Sigma_{1,1,1}\Sigma_{4,1,1,1} (23.600)$$

$$+ 6\Sigma_1\Sigma_{1,1,1,1}\Sigma_{1,1,4} + 6\Sigma_1\Sigma_{1,1,1,1}\Sigma_{1,2,3} + 6\Sigma_1\Sigma_{1,1,1,1}\Sigma_{1,3,2} + 6\Sigma_1\Sigma_{1,1,1,1}\Sigma_{1,4,1} (23.600)$$

$$- 24\Sigma_1\Sigma_{1,1,1,1}\Sigma_2\Sigma_4 + 6\Sigma_1\Sigma_{1,1,1,1}\Sigma_{2,1,3} + 6\Sigma_1\Sigma_{1,1,1,1}\Sigma_{2,2,2} (20.700)$$

$$+ 6\Sigma_1\Sigma_{1,1,1,1}\Sigma_{2,3,1} - 12\Sigma_1\Sigma_{1,1,1,1}\Sigma_3^2 + 6\Sigma_1\Sigma_{1,1,1,1}\Sigma_{3,1,2} + 6\Sigma_1\Sigma_{1,1,1,1}\Sigma_{3,2,1} (25.000)$$

$$+ 6\Sigma_1\Sigma_{1,1,1,1}\Sigma_{4,1,1} + 6\Sigma_1\Sigma_{1,1,1,1,1}\Sigma_{1,4} + 6\Sigma_1\Sigma_{1,1,1,1,1}\Sigma_{2,3} + 6\Sigma_1\Sigma_{1,1,1,1,1}\Sigma_{3,2} (23.600)$$

$$+ 6\Sigma_1\Sigma_{1,1,1,1,1}\Sigma_{4,1} + 6\Sigma_1\Sigma_{1,1,1,1,1,1}\Sigma_4 - 2\Sigma_1\Sigma_{1,1,1,1,1,1,1,3} - 2\Sigma_1\Sigma_{1,1,1,1,1,1,2,2} (22.200)$$

$$- 2\Sigma_1\Sigma_{1,1,1,1,1,1,3,1} + 6\Sigma_1\Sigma_{1,1,1,1,1,2}\Sigma_3 - 2\Sigma_1\Sigma_{1,1,1,1,1,2,1,2} - 2\Sigma_1\Sigma_{1,1,1,1,1,2,2,1} (21.200)$$

$$+ 6\Sigma_1\Sigma_{1,1,1,1,1,3}\Sigma_2 - 2\Sigma_1\Sigma_{1,1,1,1,1,3,1,1} + 6\Sigma_1\Sigma_{1,1,1,1,2}\Sigma_{1,3} + 6\Sigma_1\Sigma_{1,1,1,1,2}\Sigma_{2,2} (23.200)$$

$$+ 6\Sigma_1\Sigma_{1,1,1,1,2}\Sigma_{3,1} + 6\Sigma_1\Sigma_{1,1,1,1,2,1}\Sigma_3 - 2\Sigma_1\Sigma_{1,1,1,1,2,1,1,2} - 2\Sigma_1\Sigma_{1,1,1,1,2,1,2,1} (22.200)$$

$$+ 6\Sigma_1\Sigma_{1,1,1,1,2,2}\Sigma_2 - 2\Sigma_1\Sigma_{1,1,1,1,2,2,1,1} + 6\Sigma_1\Sigma_{1,1,1,1,3}\Sigma_{1,2} + 6\Sigma_1\Sigma_{1,1,1,1,3}\Sigma_{2,1} (23.200)$$

$$+ 6\Sigma_1\Sigma_{1,1,1,1,3,1}\Sigma_2 - 2\Sigma_1\Sigma_{1,1,1,1,3,1,1,1} + 6\Sigma_1\Sigma_{1,1,1,2}\Sigma_{1,1,3} + 6\Sigma_1\Sigma_{1,1,1,2}\Sigma_{1,2,2} (23.200)$$

$$+ 6\Sigma_1\Sigma_{1,1,1,2}\Sigma_{1,3,1} - 24\Sigma_1\Sigma_{1,1,1,2}\Sigma_2\Sigma_3 + 6\Sigma_1\Sigma_{1,1,1,2}\Sigma_{2,1,2} (20.700)$$

$$+ 6\Sigma_1\Sigma_{1,1,1,2}\Sigma_{2,2,1} + 6\Sigma_1\Sigma_{1,1,1,2}\Sigma_{3,1,1} + 6\Sigma_1\Sigma_{1,1,1,2,1}\Sigma_{1,3} + 6\Sigma_1\Sigma_{1,1,1,2,1}\Sigma_{2,2} (23.600)$$

$$+ 6\Sigma_1\Sigma_{1,1,1,2,1}\Sigma_{3,1} + 6\Sigma_1\Sigma_{1,1,1,2,1,1}\Sigma_3 - 2\Sigma_1\Sigma_{1,1,1,2,1,1,1,2} - 2\Sigma_1\Sigma_{1,1,1,2,1,1,2,1} (22.200)$$

$$+ 6\Sigma_1\Sigma_{1,1,1,2,1,2}\Sigma_2 - 2\Sigma_1\Sigma_{1,1,1,2,1,2,1,1} + 6\Sigma_1\Sigma_{1,1,1,2,2}\Sigma_{1,2} + 6\Sigma_1\Sigma_{1,1,1,2,2}\Sigma_{2,1} (23.200)$$

$$+ 6\Sigma_1\Sigma_{1,1,1,2,2,1}\Sigma_2 - 2\Sigma_1\Sigma_{1,1,1,2,2,1,1,1} + 6\Sigma_1\Sigma_{1,1,1,3}\Sigma_{1,1,2} + 6\Sigma_1\Sigma_{1,1,1,3}\Sigma_{1,2,1} (23.200)$$

$$- 12\Sigma_1\Sigma_{1,1,1,3}\Sigma_2^2 + 6\Sigma_1\Sigma_{1,1,1,3}\Sigma_{2,1,1} + 6\Sigma_1\Sigma_{1,1,1,3,1}\Sigma_{1,2} + 6\Sigma_1\Sigma_{1,1,1,3,1}\Sigma_{2,1} (25.000)$$

$$+ 6\Sigma_1\Sigma_{1,1,1,3,1,1}\Sigma_2 - 2\Sigma_1\Sigma_{1,1,1,3,1,1,1,1} + 6\Sigma_1\Sigma_{1,1,2}\Sigma_{1,1,2,2} + 6\Sigma_1\Sigma_{1,1,2}\Sigma_{1,1,3,1} (23.200)$$

$$- 24\Sigma_1\Sigma_{1,1,2}\Sigma_{1,2}\Sigma_3 + 6\Sigma_1\Sigma_{1,1,2}\Sigma_{1,2,1,2} + 6\Sigma_1\Sigma_{1,1,2}\Sigma_{1,2,2,1} (20.100)$$

$$- 24\Sigma_1\Sigma_{1,1,2}\Sigma_{1,3}\Sigma_2 + 6\Sigma_1\Sigma_{1,1,2}\Sigma_{1,3,1,1} - 24\Sigma_1\Sigma_{1,1,2}\Sigma_2\Sigma_{2,2} (22.500)$$

$$- 24\Sigma_1\Sigma_{1,1,2}\Sigma_2\Sigma_{3,1} - 24\Sigma_1\Sigma_{1,1,2}\Sigma_{2,1}\Sigma_3 + 6\Sigma_1\Sigma_{1,1,2}\Sigma_{2,1,1,2} (22.500)$$

$$+ 6\Sigma_1\Sigma_{1,1,2}\Sigma_{2,1,2,1} + 6\Sigma_1\Sigma_{1,1,2}\Sigma_{2,2,1,1} + 6\Sigma_1\Sigma_{1,1,2}\Sigma_{3,1,1,1} + 6\Sigma_1\Sigma_{1,1,2,1}\Sigma_{1,1,3} (23.600)$$

$$+ 6\Sigma_1\Sigma_{1,1,2,1}\Sigma_{1,2,2} + 6\Sigma_1\Sigma_{1,1,2,1}\Sigma_{1,3,1} - 24\Sigma_1\Sigma_{1,1,2,1}\Sigma_2\Sigma_3 (20.700)$$
$$+ 6\Sigma_1\Sigma_{1,1,2,1}\Sigma_{2,1,2} + 6\Sigma_1\Sigma_{1,1,2,1}\Sigma_{2,2,1} + 6\Sigma_1\Sigma_{1,1,2,1}\Sigma_{3,1,1} + 6\Sigma_1\Sigma_{1,1,2,1,1}\Sigma_{1,3} (23.600)$$
$$+ 6\Sigma_1\Sigma_{1,1,2,1,1}\Sigma_{2,2} + 6\Sigma_1\Sigma_{1,1,2,1,1}\Sigma_{3,1} + 6\Sigma_1\Sigma_{1,1,2,1,1,1}\Sigma_3 - 2\Sigma_1\Sigma_{1,1,2,1,1,1,1,2} (23.200)$$
$$- 2\Sigma_1\Sigma_{1,1,2,1,1,1,2,1} + 6\Sigma_1\Sigma_{1,1,2,1,1,2}\Sigma_2 - 2\Sigma_1\Sigma_{1,1,2,1,1,2,1,1} + 6\Sigma_1\Sigma_{1,1,2,1,2}\Sigma_{1,2} (22.200)$$
$$+ 6\Sigma_1\Sigma_{1,1,2,1,2}\Sigma_{2,1} + 6\Sigma_1\Sigma_{1,1,2,1,2,1}\Sigma_2 - 2\Sigma_1\Sigma_{1,1,2,1,2,1,1,1} + 6\Sigma_1\Sigma_{1,1,2,2}\Sigma_{1,2,1} (23.200)$$
$$- 12\Sigma_1\Sigma_{1,1,2,2}\Sigma_2^2 + 6\Sigma_1\Sigma_{1,1,2,2}\Sigma_{2,1,1} + 6\Sigma_1\Sigma_{1,1,2,2,1}\Sigma_{1,2} + 6\Sigma_1\Sigma_{1,1,2,2,1}\Sigma_{2,1} (25.000)$$
$$+ 6\Sigma_1\Sigma_{1,1,2,2,1,1}\Sigma_2 - 2\Sigma_1\Sigma_{1,1,2,2,1,1,1,1} - 24\Sigma_1\Sigma_{1,1,3}\Sigma_{1,2}\Sigma_2 + 6\Sigma_1\Sigma_{1,1,3}\Sigma_{1,2,1,1} (25.600)$$
$$- 24\Sigma_1\Sigma_{1,1,3}\Sigma_2\Sigma_{2,1} + 6\Sigma_1\Sigma_{1,1,3}\Sigma_{2,1,1,1} + 6\Sigma_1\Sigma_{1,1,3,1}\Sigma_{1,2,1} (20.100)$$
$$- 12\Sigma_1\Sigma_{1,1,3,1}\Sigma_2^2 + 6\Sigma_1\Sigma_{1,1,3,1}\Sigma_{2,1,1} + 6\Sigma_1\Sigma_{1,1,3,1,1}\Sigma_{1,2} + 6\Sigma_1\Sigma_{1,1,3,1,1}\Sigma_{2,1} (25.000)$$
$$+ 6\Sigma_1\Sigma_{1,1,3,1,1,1}\Sigma_2 - 2\Sigma_1\Sigma_{1,1,3,1,1,1,1,1} - 12\Sigma_1\Sigma_{1,2}^2\Sigma_{1,3} - 12\Sigma_1\Sigma_{1,2}^2\Sigma_{2,2} (24.800)$$
$$- 12\Sigma_1\Sigma_{1,2}^2\Sigma_{3,1} - 24\Sigma_1\Sigma_{1,2}\Sigma_{1,2,1}\Sigma_3 + 6\Sigma_1\Sigma_{1,2}\Sigma_{1,2,1,1,2} (20.900)$$
$$+ 6\Sigma_1\Sigma_{1,2}\Sigma_{1,2,1,2,1} - 24\Sigma_1\Sigma_{1,2}\Sigma_{1,2,2}\Sigma_2 + 6\Sigma_1\Sigma_{1,2}\Sigma_{1,2,2,1,1} (20.100)$$
$$- 24\Sigma_1\Sigma_{1,2}\Sigma_{1,3}\Sigma_{2,1} - 24\Sigma_1\Sigma_{1,2}\Sigma_{1,3,1}\Sigma_2 + 6\Sigma_1\Sigma_{1,2}\Sigma_{1,3,1,1,1} (21.900)$$
$$+ 60\Sigma_1\Sigma_{1,2}\Sigma_2^2\Sigma_3 - 24\Sigma_1\Sigma_{1,2}\Sigma_2\Sigma_{2,1,2} - 24\Sigma_1\Sigma_{1,2}\Sigma_2\Sigma_{2,2,1} (25.500)$$
$$- 24\Sigma_1\Sigma_{1,2}\Sigma_2\Sigma_{3,1,1} - 24\Sigma_1\Sigma_{1,2}\Sigma_{2,1}\Sigma_{2,2} - 24\Sigma_1\Sigma_{1,2}\Sigma_{2,1}\Sigma_{3,1} (23.700)$$
$$- 24\Sigma_1\Sigma_{1,2}\Sigma_{2,1,1}\Sigma_3 + 6\Sigma_1\Sigma_{1,2}\Sigma_{2,1,1,1,2} + 6\Sigma_1\Sigma_{1,2}\Sigma_{2,1,1,2,1} (20.100)$$
$$+ 6\Sigma_1\Sigma_{1,2}\Sigma_{2,1,2,1,1} + 6\Sigma_1\Sigma_{1,2}\Sigma_{2,2,1,1,1} + 6\Sigma_1\Sigma_{1,2}\Sigma_{3,1,1,1,1} + 6\Sigma_1\Sigma_{1,2,1}\Sigma_{1,2,1,2} (23.600)$$
$$+ 6\Sigma_1\Sigma_{1,2,1}\Sigma_{1,2,2,1} - 24\Sigma_1\Sigma_{1,2,1}\Sigma_{1,3}\Sigma_2 + 6\Sigma_1\Sigma_{1,2,1}\Sigma_{1,3,1,1} (20.100)$$
$$- 24\Sigma_1\Sigma_{1,2,1}\Sigma_2\Sigma_{2,2} - 24\Sigma_1\Sigma_{1,2,1}\Sigma_2\Sigma_{3,1} - 24\Sigma_1\Sigma_{1,2,1}\Sigma_{2,1}\Sigma_3 (24.900)$$
$$+ 6\Sigma_1\Sigma_{1,2,1}\Sigma_{2,1,1,2} + 6\Sigma_1\Sigma_{1,2,1}\Sigma_{2,1,2,1} + 6\Sigma_1\Sigma_{1,2,1}\Sigma_{2,2,1,1} + 6\Sigma_1\Sigma_{1,2,1}\Sigma_{3,1,1,1} (23.600)$$
$$+ 6\Sigma_1\Sigma_{1,2,1,1}\Sigma_{1,2,2} + 6\Sigma_1\Sigma_{1,2,1,1}\Sigma_{1,3,1} - 24\Sigma_1\Sigma_{1,2,1,1}\Sigma_2\Sigma_3 (20.700)$$
$$+ 6\Sigma_1\Sigma_{1,2,1,1}\Sigma_{2,1,2} + 6\Sigma_1\Sigma_{1,2,1,1}\Sigma_{2,2,1} + 6\Sigma_1\Sigma_{1,2,1,1}\Sigma_{3,1,1} + 6\Sigma_1\Sigma_{1,2,1,1,1}\Sigma_{1,3} (23.600)$$
$$+ 6\Sigma_1\Sigma_{1,2,1,1,1}\Sigma_{2,2} + 6\Sigma_1\Sigma_{1,2,1,1,1}\Sigma_{3,1} + 6\Sigma_1\Sigma_{1,2,1,1,1,1}\Sigma_3 - 2\Sigma_1\Sigma_{1,2,1,1,1,1,1,2} (23.200)$$
$$- 2\Sigma_1\Sigma_{1,2,1,1,1,1,2,1} + 6\Sigma_1\Sigma_{1,2,1,1,1,2}\Sigma_2 - 2\Sigma_1\Sigma_{1,2,1,1,1,2,1,1} + 6\Sigma_1\Sigma_{1,2,1,1,2}\Sigma_{2,1} (22.200)$$
$$+ 6\Sigma_1\Sigma_{1,2,1,1,2,1}\Sigma_2 - 2\Sigma_1\Sigma_{1,2,1,1,2,1,1,1} - 12\Sigma_1\Sigma_{1,2,1,2}\Sigma_2^2 + 6\Sigma_1\Sigma_{1,2,1,2}\Sigma_{2,1,1} (24.600)$$
$$+ 6\Sigma_1\Sigma_{1,2,1,2,1}\Sigma_{2,1} + 6\Sigma_1\Sigma_{1,2,1,2,1,1}\Sigma_2 - 2\Sigma_1\Sigma_{1,2,1,2,1,1,1,1} - 24\Sigma_1\Sigma_{1,2,2}\Sigma_2\Sigma_{2,1} (25.600)$$
$$+ 6\Sigma_1\Sigma_{1,2,2}\Sigma_{2,1,1,1} - 12\Sigma_1\Sigma_{1,2,2,1}\Sigma_2^2 + 6\Sigma_1\Sigma_{1,2,2,1}\Sigma_{2,1,1} + 6\Sigma_1\Sigma_{1,2,2,1,1}\Sigma_{2,1} (25.000)$$

$$+ 6\Sigma_1\Sigma_{1,2,2,1,1,1}\Sigma_2 - 2\Sigma_1\Sigma_{1,2,2,1,1,1,1,1} + 20\Sigma_1\Sigma_{1,3}\Sigma_2^3 - 24\Sigma_1\Sigma_{1,3}\Sigma_2\Sigma_{2,1,1}(27.000)$$

$$- 12\Sigma_1\Sigma_{1,3}\Sigma_{2,1}^2 + 6\Sigma_1\Sigma_{1,3}\Sigma_{2,1,1,1,1} - 24\Sigma_1\Sigma_{1,3,1}\Sigma_2\Sigma_{2,1}(20.900)$$

$$+ 6\Sigma_1\Sigma_{1,3,1}\Sigma_{2,1,1,1} - 12\Sigma_1\Sigma_{1,3,1,1}\Sigma_2^2 + 6\Sigma_1\Sigma_{1,3,1,1}\Sigma_{2,1,1} + 6\Sigma_1\Sigma_{1,3,1,1,1}\Sigma_{2,1}(25.000)$$

$$+ 6\Sigma_1\Sigma_{1,3,1,1,1,1}\Sigma_2 - 2\Sigma_1\Sigma_{1,3,1,1,1,1,1,1} + 20\Sigma_1\Sigma_2^3\Sigma_{2,2} + 20\Sigma_1\Sigma_2^3\Sigma_{3,1}(26.000)$$

$$+ 60\Sigma_1\Sigma_2^2\Sigma_{2,1}\Sigma_3 - 12\Sigma_1\Sigma_2^2\Sigma_{2,1,1,2} - 12\Sigma_1\Sigma_2^2\Sigma_{2,1,2,1}(23.500)$$

$$- 12\Sigma_1\Sigma_2^2\Sigma_{2,2,1,1} - 12\Sigma_1\Sigma_2^2\Sigma_{3,1,1,1} - 24\Sigma_1\Sigma_2\Sigma_{2,1}\Sigma_{2,1,2}(22.900)$$

$$- 24\Sigma_1\Sigma_2\Sigma_{2,1}\Sigma_{2,2,1} - 24\Sigma_1\Sigma_2\Sigma_{2,1}\Sigma_{3,1,1} - 24\Sigma_1\Sigma_2\Sigma_{2,1,1}\Sigma_{2,2}(24.900)$$

$$- 24\Sigma_1\Sigma_2\Sigma_{2,1,1}\Sigma_{3,1} - 24\Sigma_1\Sigma_2\Sigma_{2,1,1,1}\Sigma_3 + 6\Sigma_1\Sigma_2\Sigma_{2,1,1,1,1,2}(23.700)$$

$$+ 6\Sigma_1\Sigma_2\Sigma_{2,1,1,1,2,1} + 6\Sigma_1\Sigma_2\Sigma_{2,1,1,2,1,1} + 6\Sigma_1\Sigma_2\Sigma_{2,1,2,1,1,1} + 6\Sigma_1\Sigma_2\Sigma_{2,2,1,1,1,1}(26.000)$$

$$+ 6\Sigma_1\Sigma_2\Sigma_{3,1,1,1,1,1} - 12\Sigma_1\Sigma_{2,1}^2\Sigma_{2,2} - 12\Sigma_1\Sigma_{2,1}^2\Sigma_{3,1} - 24\Sigma_1\Sigma_{2,1}\Sigma_{2,1,1}\Sigma_3(28.200)$$

$$+ 6\Sigma_1\Sigma_{2,1}\Sigma_{2,1,1,1,2} + 6\Sigma_1\Sigma_{2,1}\Sigma_{2,1,1,2,1} + 6\Sigma_1\Sigma_{2,1}\Sigma_{2,1,2,1,1} + 6\Sigma_1\Sigma_{2,1}\Sigma_{2,2,1,1,1}(23.600)$$

$$+ 6\Sigma_1\Sigma_{2,1}\Sigma_{3,1,1,1,1} + 6\Sigma_1\Sigma_{2,1,1}\Sigma_{2,1,1,2} + 6\Sigma_1\Sigma_{2,1,1}\Sigma_{2,1,2,1} + 6\Sigma_1\Sigma_{2,1,1}\Sigma_{2,2,1,1}(23.600)$$

$$+ 6\Sigma_1\Sigma_{2,1,1}\Sigma_{3,1,1,1} + 6\Sigma_1\Sigma_{2,1,1,1}\Sigma_{2,1,2} + 6\Sigma_1\Sigma_{2,1,1,1}\Sigma_{2,2,1} + 6\Sigma_1\Sigma_{2,1,1,1}\Sigma_{3,1,1}(23.600)$$

$$+ 6\Sigma_1\Sigma_{2,1,1,1,1}\Sigma_{2,2} + 6\Sigma_1\Sigma_{2,1,1,1,1}\Sigma_{3,1} + 6\Sigma_1\Sigma_{2,1,1,1,1,1}\Sigma_3 - 2\Sigma_1\Sigma_{2,1,1,1,1,1,1,2}(23.200)$$

$$- 2\Sigma_1\Sigma_{2,1,1,1,1,1,2,1} - 2\Sigma_1\Sigma_{2,1,1,1,1,2,1,1} - 2\Sigma_1\Sigma_{2,1,1,1,2,1,1,1} - 2\Sigma_1\Sigma_{2,1,1,2,1,1,1,1} - 2\Sigma_1\Sigma_{2,1,2,1,1,1,1,1}(24.500)$$

$$- 2\Sigma_1\Sigma_{2,2,1,1,1,1,1,1} - 2\Sigma_1\Sigma_{3,1,1,1,1,1,1,1} - 4\Sigma_{1,1}^3\Sigma_5 + 3\Sigma_{1,1}^2\Sigma_{1,1,1,4} + 3\Sigma_{1,1}^2\Sigma_{1,1,2,3}(23.300)$$

$$+ 3\Sigma_{1,1}^2\Sigma_{1,1,3,2} + 3\Sigma_{1,1}^2\Sigma_{1,1,4,1} - 12\Sigma_{1,1}^2\Sigma_{1,2}\Sigma_4 + 3\Sigma_{1,1}^2\Sigma_{1,2,1,3} + 3\Sigma_{1,1}^2\Sigma_{1,2,2,2}(23.900)$$

$$+ 3\Sigma_{1,1}^2\Sigma_{1,2,3,1} - 12\Sigma_{1,1}^2\Sigma_{1,3}\Sigma_3 + 3\Sigma_{1,1}^2\Sigma_{1,3,1,2} + 3\Sigma_{1,1}^2\Sigma_{1,3,2,1} - 12\Sigma_{1,1}^2\Sigma_{1,4}\Sigma_2(26.300)$$

$$+ 3\Sigma_{1,1}^2\Sigma_{1,4,1,1} - 12\Sigma_{1,1}^2\Sigma_2\Sigma_{2,3} - 12\Sigma_{1,1}^2\Sigma_2\Sigma_{3,2} - 12\Sigma_{1,1}^2\Sigma_2\Sigma_{4,1}(24.400)$$

$$- 12\Sigma_{1,1}^2\Sigma_{2,1}\Sigma_4 + 3\Sigma_{1,1}^2\Sigma_{2,1,1,3} + 3\Sigma_{1,1}^2\Sigma_{2,1,2,2} + 3\Sigma_{1,1}^2\Sigma_{2,1,3,1} - 12\Sigma_{1,1}^2\Sigma_{2,2}\Sigma_3(26.300)$$

$$+ 3\Sigma_{1,1}^2\Sigma_{2,2,1,2} + 3\Sigma_{1,1}^2\Sigma_{2,2,2,1} + 3\Sigma_{1,1}^2\Sigma_{2,3,1,1} - 12\Sigma_{1,1}^2\Sigma_3\Sigma_{3,1} + 3\Sigma_{1,1}^2\Sigma_{3,1,1,2}(23.900)$$

$$+ 3\Sigma_{1,1}^2\Sigma_{3,1,2,1} + 3\Sigma_{1,1}^2\Sigma_{3,2,1,1} + 3\Sigma_{1,1}^2\Sigma_{4,1,1,1} + 6\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{1,1,4} + 6\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{1,2,3}(23.500)$$

$$+ 6\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{1,3,2} + 6\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{1,4,1} - 24\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_2\Sigma_4 + 6\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{2,1,3}(24.200)$$

$$+ 6\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{2,2,2} + 6\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{2,3,1} - 12\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_3^2 + 6\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{3,1,2}(22.600)$$

$$+ 6\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{3,2,1} + 6\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{4,1,1} + 6\Sigma_{1,1}\Sigma_{1,1,1,1}\Sigma_{1,4} + 6\Sigma_{1,1}\Sigma_{1,1,1,1}\Sigma_{2,3}(21.200)$$

$$+ 6\Sigma_{1,1}\Sigma_{1,1,1,1}\Sigma_{3,2} + 6\Sigma_{1,1}\Sigma_{1,1,1,1}\Sigma_{4,1} + 6\Sigma_{1,1}\Sigma_{1,1,1,1,1}\Sigma_4 - 2\Sigma_{1,1}\Sigma_{1,1,1,1,1,1,3}(20.800)$$

$$- 2\Sigma_{1,1}\Sigma_{1,1,1,1,1,2,2} - 2\Sigma_{1,1}\Sigma_{1,1,1,1,1,3,1} + 6\Sigma_{1,1}\Sigma_{1,1,1,1,2}\Sigma_3 - 2\Sigma_{1,1}\Sigma_{1,1,1,1,2,1,2} - 2\Sigma_{1,1}\Sigma_{1,1,1,1,2,2,1}(23.100)$$

$$+ 6\Sigma_{1,1}\Sigma_{1,1,1,1,3}\Sigma_2 - 2\Sigma_{1,1}\Sigma_{1,1,1,1,3,1,1} + 6\Sigma_{1,1}\Sigma_{1,1,1,2}\Sigma_{1,3} + 6\Sigma_{1,1}\Sigma_{1,1,1,2}\Sigma_{2,2}(20.800)$$

$$+ 6\Sigma_{1,1}\Sigma_{1,1,1,2}\Sigma_{3,1} + 6\Sigma_{1,1}\Sigma_{1,1,1,2,1}\Sigma_3 - 2\Sigma_{1,1}\Sigma_{1,1,1,2,1,1,2} - 2\Sigma_{1,1}\Sigma_{1,1,1,2,1,2,1} + 6\Sigma_{1,1}\Sigma_{1,1,1,2,2}\Sigma_2(25.700)$$

$$- 2\Sigma_{1,1}\Sigma_{1,1,1,2,2,1,1} + 6\Sigma_{1,1}\Sigma_{1,1,1,3}\Sigma_{1,2} + 6\Sigma_{1,1}\Sigma_{1,1,1,3}\Sigma_{2,1} + 6\Sigma_{1,1}\Sigma_{1,1,1,3,1}\Sigma_2(20.800)$$

$$- 2\Sigma_{1,1}\Sigma_{1,1,1,3,1,1,1} + 6\Sigma_{1,1}\Sigma_{1,1,2}\Sigma_{1,1,3} + 6\Sigma_{1,1}\Sigma_{1,1,2}\Sigma_{1,2,2} + 6\Sigma_{1,1}\Sigma_{1,1,2}\Sigma_{1,3,1}(20.200)$$

$$- 24\Sigma_{1,1}\Sigma_{1,1,2}\Sigma_2\Sigma_3 + 6\Sigma_{1,1}\Sigma_{1,1,2}\Sigma_{2,1,2} + 6\Sigma_{1,1}\Sigma_{1,1,2}\Sigma_{2,2,1} + 6\Sigma_{1,1}\Sigma_{1,1,2}\Sigma_{3,1,1}(24.200)$$

$$+ 6\Sigma_{1,1}\Sigma_{1,1,2,1}\Sigma_{1,3} + 6\Sigma_{1,1}\Sigma_{1,1,2,1}\Sigma_{2,2} + 6\Sigma_{1,1}\Sigma_{1,1,2,1}\Sigma_{3,1} + 6\Sigma_{1,1}\Sigma_{1,1,2,1,1}\Sigma_3(21.800)$$

$$- 2\Sigma_{1,1}\Sigma_{1,1,2,1,1,1,2} - 2\Sigma_{1,1}\Sigma_{1,1,2,1,1,2,1} + 6\Sigma_{1,1}\Sigma_{1,1,2,1,2}\Sigma_2 - 2\Sigma_{1,1}\Sigma_{1,1,2,1,2,1,1} + 6\Sigma_{1,1}\Sigma_{1,1,2,2}\Sigma_{1,2}(24.100)$$

$$+ 6\Sigma_{1,1}\Sigma_{1,1,2,2}\Sigma_{2,1} + 6\Sigma_{1,1}\Sigma_{1,1,2,2,1}\Sigma_2 - 2\Sigma_{1,1}\Sigma_{1,1,2,2,1,1,1} + 6\Sigma_{1,1}\Sigma_{1,1,3}\Sigma_{1,2,1}(20.800)$$

$$- 12\Sigma_{1,1}\Sigma_{1,1,3}\Sigma_2^2 + 6\Sigma_{1,1}\Sigma_{1,1,3}\Sigma_{2,1,1} + 6\Sigma_{1,1}\Sigma_{1,1,3,1}\Sigma_{1,2} + 6\Sigma_{1,1}\Sigma_{1,1,3,1}\Sigma_{2,1}(22.600)$$

$$+ 6\Sigma_{1,1}\Sigma_{1,1,3,1,1}\Sigma_2 - 2\Sigma_{1,1}\Sigma_{1,1,3,1,1,1,1} - 12\Sigma_{1,1}\Sigma_{1,2}^2\Sigma_3 + 6\Sigma_{1,1}\Sigma_{1,2}\Sigma_{1,2,1,2}(22.200)$$

$$+ 6\Sigma_{1,1}\Sigma_{1,2}\Sigma_{1,2,2,1} - 24\Sigma_{1,1}\Sigma_{1,2}\Sigma_{1,3}\Sigma_2 + 6\Sigma_{1,1}\Sigma_{1,2}\Sigma_{1,3,1,1} - 24\Sigma_{1,1}\Sigma_{1,2}\Sigma_2\Sigma_{2,2}(26.000)$$

$$- 24\Sigma_{1,1}\Sigma_{1,2}\Sigma_2\Sigma_{3,1} - 24\Sigma_{1,1}\Sigma_{1,2}\Sigma_{2,1}\Sigma_3 + 6\Sigma_{1,1}\Sigma_{1,2}\Sigma_{2,1,1,2}(20.700)$$

$$+ 6\Sigma_{1,1}\Sigma_{1,2}\Sigma_{2,1,2,1} + 6\Sigma_{1,1}\Sigma_{1,2}\Sigma_{2,2,1,1} + 6\Sigma_{1,1}\Sigma_{1,2}\Sigma_{3,1,1,1} + 6\Sigma_{1,1}\Sigma_{1,2,1}\Sigma_{1,2,2}(21.200)$$

$$+ 6\Sigma_{1,1}\Sigma_{1,2,1}\Sigma_{1,3,1} - 24\Sigma_{1,1}\Sigma_{1,2,1}\Sigma_2\Sigma_3 + 6\Sigma_{1,1}\Sigma_{1,2,1}\Sigma_{2,1,2} + 6\Sigma_{1,1}\Sigma_{1,2,1}\Sigma_{2,2,1}(24.200)$$

$$+ 6\Sigma_{1,1}\Sigma_{1,2,1}\Sigma_{3,1,1} + 6\Sigma_{1,1}\Sigma_{1,2,1,1}\Sigma_{1,3} + 6\Sigma_{1,1}\Sigma_{1,2,1,1}\Sigma_{2,2} + 6\Sigma_{1,1}\Sigma_{1,2,1,1}\Sigma_{3,1}(21.200)$$

$$+ 6\Sigma_{1,1}\Sigma_{1,2,1,1,1}\Sigma_3 - 2\Sigma_{1,1}\Sigma_{1,2,1,1,1,1,2} - 2\Sigma_{1,1}\Sigma_{1,2,1,1,1,2,1} + 6\Sigma_{1,1}\Sigma_{1,2,1,1,2}\Sigma_2(20.400)$$

$$- 2\Sigma_{1,1}\Sigma_{1,2,1,1,2,1,1} + 6\Sigma_{1,1}\Sigma_{1,2,1,2}\Sigma_{2,1} + 6\Sigma_{1,1}\Sigma_{1,2,1,2,1}\Sigma_2 - 2\Sigma_{1,1}\Sigma_{1,2,1,2,1,1,1} - 12\Sigma_{1,1}\Sigma_{1,2,2}\Sigma_2^2(26.500)$$

$$+ 6\Sigma_{1,1}\Sigma_{1,2,2}\Sigma_{2,1,1} + 6\Sigma_{1,1}\Sigma_{1,2,2,1}\Sigma_{2,1} + 6\Sigma_{1,1}\Sigma_{1,2,2,1,1}\Sigma_2 - 2\Sigma_{1,1}\Sigma_{1,2,2,1,1,1,1}(20.800)$$

$$- 24\Sigma_{1,1}\Sigma_{1,3}\Sigma_2\Sigma_{2,1} + 6\Sigma_{1,1}\Sigma_{1,3}\Sigma_{2,1,1,1} - 12\Sigma_{1,1}\Sigma_{1,3,1}\Sigma_2^2 + 6\Sigma_{1,1}\Sigma_{1,3,1}\Sigma_{2,1,1}(25.000)$$

$$+ 6\Sigma_{1,1}\Sigma_{1,3,1,1}\Sigma_{2,1} + 6\Sigma_{1,1}\Sigma_{1,3,1,1,1}\Sigma_2 - 2\Sigma_{1,1}\Sigma_{1,3,1,1,1,1,1} + 20\Sigma_{1,1}\Sigma_2^3\Sigma_3(22.800)$$

$$- 12\Sigma_{1,1}\Sigma_2^2\Sigma_{2,1,2} - 12\Sigma_{1,1}\Sigma_2^2\Sigma_{2,2,1} - 12\Sigma_{1,1}\Sigma_2^2\Sigma_{3,1,1}(20.100)$$

$$- 24\Sigma_{1,1}\Sigma_2\Sigma_{2,1}\Sigma_{2,2} - 24\Sigma_{1,1}\Sigma_2\Sigma_{2,1}\Sigma_{3,1} - 24\Sigma_{1,1}\Sigma_2\Sigma_{2,1,1}\Sigma_3(23.700)$$

$$+ 6\Sigma_{1,1}\Sigma_2\Sigma_{2,1,1,1,2} + 6\Sigma_{1,1}\Sigma_2\Sigma_{2,1,1,2,1} + 6\Sigma_{1,1}\Sigma_2\Sigma_{2,1,2,1,1} + 6\Sigma_{1,1}\Sigma_2\Sigma_{2,2,1,1,1}(23.600)$$

$$+ 6\Sigma_{1,1}\Sigma_2\Sigma_{3,1,1,1,1} - 12\Sigma_{1,1}\Sigma_{2,1}^2\Sigma_3 + 6\Sigma_{1,1}\Sigma_{2,1}\Sigma_{2,1,1,2} + 6\Sigma_{1,1}\Sigma_{2,1}\Sigma_{2,1,2,1}(23.200)$$

$$+ 6\Sigma_{1,1}\Sigma_{2,1}\Sigma_{2,2,1,1} + 6\Sigma_{1,1}\Sigma_{2,1}\Sigma_{3,1,1,1} + 6\Sigma_{1,1}\Sigma_{2,1,1}\Sigma_{2,1,2} + 6\Sigma_{1,1}\Sigma_{2,1,1}\Sigma_{2,2,1}(21.200)$$

$$+ 6\Sigma_{1,1}\Sigma_{2,1,1}\Sigma_{3,1,1} + 6\Sigma_{1,1}\Sigma_{2,1,1,1}\Sigma_{2,2} + 6\Sigma_{1,1}\Sigma_{2,1,1,1}\Sigma_{3,1} + 6\Sigma_{1,1}\Sigma_{2,1,1,1,1}\Sigma_3(21.800)$$

$$- 2\Sigma_{1,1}\Sigma_{2,1,1,1,1,1,2} - 2\Sigma_{1,1}\Sigma_{2,1,1,1,1,2,1} - 2\Sigma_{1,1}\Sigma_{2,1,1,1,2,1,1} - 2\Sigma_{1,1}\Sigma_{2,1,1,2,1,1,1} - 2\Sigma_{1,1}\Sigma_{2,1,2,1,1,1,1}(21.500)$$

$$- 2\Sigma_{1,1}\Sigma_{2,2,1,1,1,1,1} - 2\Sigma_{1,1}\Sigma_{3,1,1,1,1,1,1} + 3\Sigma_{1,1,1}^2\Sigma_{1,4} + 3\Sigma_{1,1,1}^2\Sigma_{2,3} + 3\Sigma_{1,1,1}^2\Sigma_{3,2}(21.500)$$

$$+ 3\Sigma_{1,1,1}^2\Sigma_{4,1} + 6\Sigma_{1,1,1}\Sigma_{1,1,1,1}\Sigma_4 - 2\Sigma_{1,1,1}\Sigma_{1,1,1,1,1,3} - 2\Sigma_{1,1,1}\Sigma_{1,1,1,1,2,2} - 2\Sigma_{1,1,1}\Sigma_{1,1,1,1,3,1}(23.100)$$

$$+ 6\Sigma_{1,1,1}\Sigma_{1,1,1,2}\Sigma_3 - 2\Sigma_{1,1,1}\Sigma_{1,1,1,2,1,2} - 2\Sigma_{1,1,1}\Sigma_{1,1,1,2,2,1} + 6\Sigma_{1,1,1}\Sigma_{1,1,1,3}\Sigma_2(20.400)$$

$$- 2\Sigma_{1,1,1}\Sigma_{1,1,1,3,1,1} + 6\Sigma_{1,1,1}\Sigma_{1,1,2}\Sigma_{1,3} + 6\Sigma_{1,1,1}\Sigma_{1,1,2}\Sigma_{2,2} + 6\Sigma_{1,1,1}\Sigma_{1,1,2}\Sigma_{3,1}(20.200)$$

$$+ 6\Sigma_{1,1,1}\Sigma_{1,1,2,1}\Sigma_3 - 2\Sigma_{1,1,1}\Sigma_{1,1,2,1,1,2} - 2\Sigma_{1,1,1}\Sigma_{1,1,2,1,2,1} + 6\Sigma_{1,1,1}\Sigma_{1,1,2,2}\Sigma_2(20.400)$$

$$- 2\Sigma_{1,1,1}\Sigma_{1,1,2,2,1,1} + 6\Sigma_{1,1,1}\Sigma_{1,1,3}\Sigma_{1,2} + 6\Sigma_{1,1,1}\Sigma_{1,1,3}\Sigma_{2,1} + 6\Sigma_{1,1,1}\Sigma_{1,1,3,1}\Sigma_2(20.800)$$

$$- 2\Sigma_{1,1,1}\Sigma_{1,1,3,1,1,1} + 6\Sigma_{1,1,1}\Sigma_{1,2}\Sigma_{1,2,2} + 6\Sigma_{1,1,1}\Sigma_{1,2}\Sigma_{1,3,1} - 24\Sigma_{1,1,1}\Sigma_{1,2}\Sigma_2\Sigma_3(23.200)$$

$$+ 6\Sigma_{1,1,1}\Sigma_{1,2}\Sigma_{2,1,2} + 6\Sigma_{1,1,1}\Sigma_{1,2}\Sigma_{2,2,1} + 6\Sigma_{1,1,1}\Sigma_{1,2}\Sigma_{3,1,1} + 6\Sigma_{1,1,1}\Sigma_{1,2,1}\Sigma_{1,3}(21.200)$$

$$+ 6\Sigma_{1,1,1}\Sigma_{1,2,1}\Sigma_{2,2} + 6\Sigma_{1,1,1}\Sigma_{1,2,1}\Sigma_{3,1} + 6\Sigma_{1,1,1}\Sigma_{1,2,1,1}\Sigma_3 - 2\Sigma_{1,1,1}\Sigma_{1,2,1,1,1,2}(20.800)$$

$$- 2\Sigma_{1,1,1}\Sigma_{1,2,1,1,2,1} + 6\Sigma_{1,1,1}\Sigma_{1,2,1,2}\Sigma_2 - 2\Sigma_{1,1,1}\Sigma_{1,2,1,2,1,1} + 6\Sigma_{1,1,1}\Sigma_{1,2,2}\Sigma_{2,1} + 6\Sigma_{1,1,1}\Sigma_{1,2,2,1}\Sigma_2(25.700)$$

$$- 2\Sigma_{1,1,1}\Sigma_{1,2,2,1,1,1} - 12\Sigma_{1,1,1}\Sigma_{1,3}\Sigma_2^2 + 6\Sigma_{1,1,1}\Sigma_{1,3}\Sigma_{2,1,1} + 6\Sigma_{1,1,1}\Sigma_{1,3,1}\Sigma_{2,1}(21.600)$$

$$+ 6\Sigma_{1,1,1}\Sigma_{1,3,1,1}\Sigma_2 - 2\Sigma_{1,1,1}\Sigma_{1,3,1,1,1,1} - 12\Sigma_{1,1,1}\Sigma_2^2\Sigma_{2,2} - 12\Sigma_{1,1,1}\Sigma_2^2\Sigma_{3,1}(23.600)$$

$$- 24\Sigma_{1,1,1}\Sigma_2\Sigma_{2,1}\Sigma_3 + 6\Sigma_{1,1,1}\Sigma_2\Sigma_{2,1,1,2} + 6\Sigma_{1,1,1}\Sigma_2\Sigma_{2,1,2,1}(20.100)$$

$$+ 6\Sigma_{1,1,1}\Sigma_2\Sigma_{2,2,1,1} + 6\Sigma_{1,1,1}\Sigma_2\Sigma_{3,1,1,1} + 6\Sigma_{1,1,1}\Sigma_{2,1}\Sigma_{2,1,2} + 6\Sigma_{1,1,1}\Sigma_{2,1}\Sigma_{2,2,1}(22.400)$$

$$+ 6\Sigma_{1,1,1}\Sigma_{2,1}\Sigma_{3,1,1} + 6\Sigma_{1,1,1}\Sigma_{2,1,1}\Sigma_{2,2} + 6\Sigma_{1,1,1}\Sigma_{2,1,1}\Sigma_{3,1} + 6\Sigma_{1,1,1}\Sigma_{2,1,1,1}\Sigma_3(21.800)$$

$$- 2\Sigma_{1,1,1}\Sigma_{2,1,1,1,1,2} - 2\Sigma_{1,1,1}\Sigma_{2,1,1,1,2,1} - 2\Sigma_{1,1,1}\Sigma_{2,1,1,2,1,1} - 2\Sigma_{1,1,1}\Sigma_{2,1,2,1,1,1} - 2\Sigma_{1,1,1}\Sigma_{2,2,1,1,1,1}(21.500)$$

$$- 2\Sigma_{1,1,1}\Sigma_{3,1,1,1,1,1} - 2\Sigma_{1,1,1,1}\Sigma_{1,1,1,3} - 2\Sigma_{1,1,1,1}\Sigma_{1,1,2,2} - 2\Sigma_{1,1,1,1}\Sigma_{1,1,3,1} + 6\Sigma_{1,1,1,1}\Sigma_{1,1,2}\Sigma_3(23.100)$$

$$- 2\Sigma_{1,1,1,1}\Sigma_{1,1,2,1,2} - 2\Sigma_{1,1,1,1}\Sigma_{1,1,2,2,1} + 6\Sigma_{1,1,1,1}\Sigma_{1,1,3}\Sigma_2 - 2\Sigma_{1,1,1,1}\Sigma_{1,1,3,1,1} + 6\Sigma_{1,1,1,1}\Sigma_{1,2}\Sigma_{1,3}(24.100)$$

$$+ 6\Sigma_{1,1,1,1}\Sigma_{1,2}\Sigma_{2,2} + 6\Sigma_{1,1,1,1}\Sigma_{1,2}\Sigma_{3,1} + 6\Sigma_{1,1,1,1}\Sigma_{1,2,1}\Sigma_3 - 2\Sigma_{1,1,1,1}\Sigma_{1,2,1,1,2}(20.800)$$

$$- 2\Sigma_{1,1,1,1}\Sigma_{1,2,1,2,1} + 6\Sigma_{1,1,1,1}\Sigma_{1,2,2}\Sigma_2 - 2\Sigma_{1,1,1,1}\Sigma_{1,2,2,1,1} + 6\Sigma_{1,1,1,1}\Sigma_{1,3}\Sigma_{2,1} + 6\Sigma_{1,1,1,1}\Sigma_{1,3,1}\Sigma_2(25.700)$$

$$- 2\Sigma_{1,1,1,1}\Sigma_{1,3,1,1,1} - 12\Sigma_{1,1,1,1}\Sigma_2^2\Sigma_3 + 6\Sigma_{1,1,1,1}\Sigma_2\Sigma_{2,1,2} + 6\Sigma_{1,1,1,1}\Sigma_2\Sigma_{2,2,1}(23.400)$$

$$+ 6\Sigma_{1,1,1,1}\Sigma_2\Sigma_{3,1,1} + 6\Sigma_{1,1,1,1}\Sigma_{2,1}\Sigma_{2,2} + 6\Sigma_{1,1,1,1}\Sigma_{2,1}\Sigma_{3,1} + 6\Sigma_{1,1,1,1}\Sigma_{2,1,1}\Sigma_3(22.400)$$

$$- 2\Sigma_{1,1,1,1}\Sigma_{2,1,1,1,2} - 2\Sigma_{1,1,1,1}\Sigma_{2,1,1,2,1} - 2\Sigma_{1,1,1,1}\Sigma_{2,1,2,1,1} - 2\Sigma_{1,1,1,1}\Sigma_{2,2,1,1,1} - 2\Sigma_{1,1,1,1}\Sigma_{3,1,1,1,1}(21.500)$$

$$- 2\Sigma_{1,1,1,1,1}\Sigma_{1,1,1,3} - 2\Sigma_{1,1,1,1,1}\Sigma_{1,1,2,2} - 2\Sigma_{1,1,1,1,1}\Sigma_{1,1,3,1} + 6\Sigma_{1,1,1,1,1}\Sigma_{1,2}\Sigma_3 - 2\Sigma_{1,1,1,1,1}\Sigma_{1,2,1,2}(23.100)$$

$$- 2\Sigma_{1,1,1,1,1}\Sigma_{1,2,2,1} + 6\Sigma_{1,1,1,1,1}\Sigma_{1,3}\Sigma_2 - 2\Sigma_{1,1,1,1,1}\Sigma_{1,3,1,1} + 6\Sigma_{1,1,1,1,1}\Sigma_2\Sigma_{2,2}(20.400)$$

$$+ 6\Sigma_{1,1,1,1,1}\Sigma_2\Sigma_{3,1} + 6\Sigma_{1,1,1,1,1}\Sigma_{2,1}\Sigma_3 - 2\Sigma_{1,1,1,1,1}\Sigma_{2,1,1,2} - 2\Sigma_{1,1,1,1,1}\Sigma_{2,1,2,1}(20.400)$$

$$- 2\Sigma_{1,1,1,1,1}\Sigma_{2,2,1,1} - 2\Sigma_{1,1,1,1,1}\Sigma_{3,1,1,1} - 2\Sigma_{1,1,1,1,1,1}\Sigma_{1,1,3} - 2\Sigma_{1,1,1,1,1,1}\Sigma_{1,2,2} - 2\Sigma_{1,1,1,1,1,1}\Sigma_{1,3,1}(21.500)$$

$$+ 6\Sigma_{1,1,1,1,1,1}\Sigma_2\Sigma_3 - 2\Sigma_{1,1,1,1,1,1}\Sigma_{2,1,2} - 2\Sigma_{1,1,1,1,1,1}\Sigma_{2,2,1} - 2\Sigma_{1,1,1,1,1,1}\Sigma_{3,1,1} - 2\Sigma_{1,1,1,1,1,1,1}\Sigma_{1,3}(23.700)$$

$$- 2\Sigma_{1,1,1,1,1,1,1}\Sigma_{2,2} - 2\Sigma_{1,1,1,1,1,1,1}\Sigma_{3,1} - 2\Sigma_{1,1,1,1,1,1,1,1}\Sigma_3 + \Sigma_{1,1,1,1,1,1,1,1,1,2} + \Sigma_{1,1,1,1,1,1,1,1,2,1} - 2\Sigma_{1,1,1,1,1,1,1,2}\Sigma_2(23.400)$$

$$+ \Sigma_{1,1,1,1,1,1,1,2,1,1} - 2\Sigma_{1,1,1,1,1,1,1,2}\Sigma_{1,2} - 2\Sigma_{1,1,1,1,1,1,2}\Sigma_{2,1} - 2\Sigma_{1,1,1,1,1,1,2,1}\Sigma_2 + \Sigma_{1,1,1,1,1,1,2,1,1,1} - 2\Sigma_{1,1,1,1,1,2}\Sigma_{1,1,2}(22.800)$$

$$- 2\Sigma_{1,1,1,1,1,2}\Sigma_{1,2,1} + 3\Sigma_{1,1,1,1,1,2}\Sigma_2^2 - 2\Sigma_{1,1,1,1,1,2}\Sigma_{2,1,1} - 2\Sigma_{1,1,1,1,1,2,1}\Sigma_{1,2} - 2\Sigma_{1,1,1,1,1,2,1}\Sigma_{2,1}(22.100)$$

$$- 2\Sigma_{1,1,1,1,1,2,1,1}\Sigma_2 + \Sigma_{1,1,1,1,1,2,1,1,1,1} - 2\Sigma_{1,1,1,1,2}\Sigma_{1,1,1,2} - 2\Sigma_{1,1,1,1,2}\Sigma_{1,1,2,1} + 6\Sigma_{1,1,1,1,2}\Sigma_{1,2}\Sigma_2(21.900)$$

$$- 2\Sigma_{1,1,1,1,2}\Sigma_{1,2,1,1} + 6\Sigma_{1,1,1,1,2}\Sigma_2\Sigma_{2,1} - 2\Sigma_{1,1,1,1,2}\Sigma_{2,1,1,1} - 2\Sigma_{1,1,1,1,2,1}\Sigma_{1,1,2} - 2\Sigma_{1,1,1,1,2,1}\Sigma_{1,2,1}(23.100)$$

$$+ 3\Sigma_{1,1,1,1,2,1}\Sigma_2^2 - 2\Sigma_{1,1,1,1,2,1}\Sigma_{2,1,1} - 2\Sigma_{1,1,1,1,2,1,1}\Sigma_{1,2} - 2\Sigma_{1,1,1,1,2,1,1}\Sigma_{2,1} - 2\Sigma_{1,1,1,1,2,1,1,1}\Sigma_2(22.700)$$

$$+ \Sigma_{1,1,1,1,2,1,1,1,1} - 2\Sigma_{1,1,1,2}\Sigma_{1,1,1,2,1} + 6\Sigma_{1,1,1,2}\Sigma_{1,1,2}\Sigma_2 - 2\Sigma_{1,1,1,2}\Sigma_{1,1,2,1,1} + 3\Sigma_{1,1,1,2}\Sigma_{1,2}^2(21.300)$$

$$+ 6\Sigma_{1,1,1,2}\Sigma_{1,2}\Sigma_{2,1} + 6\Sigma_{1,1,1,2}\Sigma_{1,2,1}\Sigma_2 - 2\Sigma_{1,1,1,2}\Sigma_{1,2,1,1,1} - 4\Sigma_{1,1,1,2}\Sigma_2^3(20.400)$$

$$+ 6\Sigma_{1,1,1,2}\Sigma_2\Sigma_{2,1,1} + 3\Sigma_{1,1,1,2}\Sigma_{2,1}^2 - 2\Sigma_{1,1,1,2}\Sigma_{2,1,1,1,1} - 2\Sigma_{1,1,1,2,1}\Sigma_{1,1,2,1} + 6\Sigma_{1,1,1,2,1}\Sigma_{1,2}\Sigma_2(24.700)$$

$$- 2\Sigma_{1,1,1,2,1}\Sigma_{1,2,1,1} + 6\Sigma_{1,1,1,2,1}\Sigma_2\Sigma_{2,1} - 2\Sigma_{1,1,1,2,1}\Sigma_{2,1,1,1} - 2\Sigma_{1,1,1,2,1,1}\Sigma_{1,1,2} - 2\Sigma_{1,1,1,2,1,1}\Sigma_{1,2,1}(23.100)$$

$$+ 3\Sigma_{1,1,1,2,1,1}\Sigma_2^2 - 2\Sigma_{1,1,1,2,1,1}\Sigma_{2,1,1} - 2\Sigma_{1,1,1,2,1,1,1}\Sigma_{1,2} - 2\Sigma_{1,1,1,2,1,1,1}\Sigma_{2,1} - 2\Sigma_{1,1,1,2,1,1,1,1}\Sigma_2(22.700)$$

$$+ \Sigma_{1,1,1,2,1,1,1,1,1,1} + 3\Sigma_{1,1,2}^2\Sigma_{1,2} + 3\Sigma_{1,1,2}^2\Sigma_{2,1} + 6\Sigma_{1,1,2}\Sigma_{1,1,2,1}\Sigma_2 - 2\Sigma_{1,1,2}\Sigma_{1,1,2,1,1,1}(21.300)$$

$$+ 6\Sigma_{1,1,2}\Sigma_{1,2}\Sigma_{1,2,1} - 12\Sigma_{1,1,2}\Sigma_{1,2}\Sigma_2^2 + 6\Sigma_{1,1,2}\Sigma_{1,2}\Sigma_{2,1,1} + 6\Sigma_{1,1,2}\Sigma_{1,2,1}\Sigma_{2,1}(22.600)$$

$$+ 6\Sigma_{1,1,2}\Sigma_{1,2,1,1}\Sigma_2 - 2\Sigma_{1,1,2}\Sigma_{1,2,1,1,1,1} - 12\Sigma_{1,1,2}\Sigma_2^2\Sigma_{2,1} + 6\Sigma_{1,1,2}\Sigma_2\Sigma_{2,1,1,1}(22.800)$$

$$+ 6\Sigma_{1,1,2}\Sigma_{2,1}\Sigma_{2,1,1} - 2\Sigma_{1,1,2}\Sigma_{2,1,1,1,1,1} - 2\Sigma_{1,1,2,1}\Sigma_{1,1,2,1,1} + 3\Sigma_{1,1,2,1}\Sigma_{1,2}^2 + 6\Sigma_{1,1,2,1}\Sigma_{1,2}\Sigma_{2,1}(23.500)$$

$$+ 6\Sigma_{1,1,2,1}\Sigma_{1,2,1}\Sigma_2 - 2\Sigma_{1,1,2,1}\Sigma_{1,2,1,1,1} - 4\Sigma_{1,1,2,1}\Sigma_2^3 + 6\Sigma_{1,1,2,1}\Sigma_2\Sigma_{2,1,1}(21.000)$$

$$+ 3\Sigma_{1,1,2,1}\Sigma_{2,1}^2 - 2\Sigma_{1,1,2,1}\Sigma_{2,1,1,1} + 6\Sigma_{1,1,2,1,1}\Sigma_{1,2}\Sigma_2 - 2\Sigma_{1,1,2,1,1}\Sigma_{1,2,1,1} + 6\Sigma_{1,1,2,1,1}\Sigma_2\Sigma_{2,1}(24.700)$$

$$- 2\Sigma_{1,1,2,1,1}\Sigma_{2,1,1,1} - 2\Sigma_{1,1,2,1,1,1}\Sigma_{1,2,1} + 3\Sigma_{1,1,2,1,1,1}\Sigma_2^2 - 2\Sigma_{1,1,2,1,1,1}\Sigma_{2,1,1} - 2\Sigma_{1,1,2,1,1,1,1}\Sigma_{1,2}(22.100)$$

$$- 2\Sigma_{1,1,2,1,1,1,1}\Sigma_{2,1} - 2\Sigma_{1,1,2,1,1,1,1,1}\Sigma_2 + \Sigma_{1,1,2,1,1,1,1,1,1,1} - 4\Sigma_{1,2}^3\Sigma_2 + 3\Sigma_{1,2}^2\Sigma_{1,2,1,1}(20.900)$$

$$- 12\Sigma_{1,2}^2\Sigma_2\Sigma_{2,1} + 3\Sigma_{1,2}^2\Sigma_{2,1,1,1} + 3\Sigma_{1,2}\Sigma_{1,2,1}^2 - 12\Sigma_{1,2}\Sigma_{1,2,1}\Sigma_2^2(22.000)$$

$$+ 6\Sigma_{1,2}\Sigma_{1,2,1}\Sigma_{2,1,1} + 6\Sigma_{1,2}\Sigma_{1,2,1,1}\Sigma_{2,1} + 6\Sigma_{1,2}\Sigma_{1,2,1,1,1}\Sigma_2 - 2\Sigma_{1,2}\Sigma_{1,2,1,1,1,1,1}(20.800)$$

$$+ 5\Sigma_{1,2}\Sigma_2^4 - 12\Sigma_{1,2}\Sigma_2^2\Sigma_{2,1,1} - 12\Sigma_{1,2}\Sigma_2\Sigma_{2,1}^2 + 6\Sigma_{1,2}\Sigma_2\Sigma_{2,1,1,1,1}(24.200)$$

$$+ 6\Sigma_{1,2}\Sigma_{2,1}\Sigma_{2,1,1,1} + 3\Sigma_{1,2}\Sigma_{2,1,1}^2 - 2\Sigma_{1,2}\Sigma_{2,1,1,1,1,1,1} + 3\Sigma_{1,2,1}^2\Sigma_{2,1} + 6\Sigma_{1,2,1}\Sigma_{1,2,1,1}\Sigma_2(24.100)$$

$$- 2\Sigma_{1,2,1}\Sigma_{1,2,1,1,1,1} - 12\Sigma_{1,2,1}\Sigma_2^2\Sigma_{2,1} + 6\Sigma_{1,2,1}\Sigma_2\Sigma_{2,1,1,1} + 6\Sigma_{1,2,1}\Sigma_{2,1}\Sigma_{2,1,1}(22.200)$$

$$- 2\Sigma_{1,2,1}\Sigma_{2,1,1,1,1,1} - 2\Sigma_{1,2,1,1}\Sigma_{1,2,1,1,1} - 4\Sigma_{1,2,1,1}\Sigma_2^3 + 6\Sigma_{1,2,1,1}\Sigma_2\Sigma_{2,1,1} + 3\Sigma_{1,2,1,1}\Sigma_{2,1}^2 (23.700)$$

$$- 2\Sigma_{1,2,1,1}\Sigma_{2,1,1,1,1} + 6\Sigma_{1,2,1,1,1}\Sigma_2\Sigma_{2,1} - 2\Sigma_{1,2,1,1,1}\Sigma_{2,1,1,1} + 3\Sigma_{1,2,1,1,1,1}\Sigma_2^2 - 2\Sigma_{1,2,1,1,1,1,1}\Sigma_{2,1,1} (23.700)$$

$$- 2\Sigma_{1,2,1,1,1,1,1}\Sigma_{2,1} - 2\Sigma_{1,2,1,1,1,1,1,1}\Sigma_2 + \Sigma_{1,2,1,1,1,1,1,1,1,1} + 5\Sigma_2^4\Sigma_{2,1} - 4\Sigma_2^3\Sigma_{2,1,1,1} (21.500)$$

$$- 12\Sigma_2^2\Sigma_{2,1}\Sigma_{2,1,1} + 3\Sigma_2^2\Sigma_{2,1,1,1,1,1} - 4\Sigma_2\Sigma_{2,1}^3 + 6\Sigma_2\Sigma_{2,1}\Sigma_{2,1,1,1,1} (22.400)$$

$$+ 6\Sigma_2\Sigma_{2,1,1}\Sigma_{2,1,1,1} - 2\Sigma_2\Sigma_{2,1,1,1,1,1,1,1} + 3\Sigma_{2,1}^2\Sigma_{2,1,1,1} + 3\Sigma_{2,1}\Sigma_{2,1,1}^2 - 2\Sigma_{2,1}\Sigma_{2,1,1,1,1,1,1} (23.700)$$

$$- 2\Sigma_{2,1,1}\Sigma_{2,1,1,1,1,1} - 2\Sigma_{2,1,1,1}\Sigma_{2,1,1,1,1} + \Sigma_{2,1,1,1,1,1,1,1,1,1})$$

$$+ V_{00}^2 (15\Sigma_1^4\Sigma_7 - 10\Sigma_1^3\Sigma_{1,1,6} - 10\Sigma_1^3\Sigma_{1,2,5} (21.700)$$

$$- 10\Sigma_1^3\Sigma_{1,3,4} - 10\Sigma_1^3\Sigma_{1,4,3} - 10\Sigma_1^3\Sigma_{1,5,2} - 10\Sigma_1^3\Sigma_{1,6,1} (22.800)$$

$$+ 60\Sigma_1^3\Sigma_2\Sigma_6 - 10\Sigma_1^3\Sigma_{2,1,5} - 10\Sigma_1^3\Sigma_{2,2,4} - 10\Sigma_1^3\Sigma_{2,3,3} (25.000)$$

$$- 10\Sigma_1^3\Sigma_{2,4,2} - 10\Sigma_1^3\Sigma_{2,5,1} + 60\Sigma_1^3\Sigma_3\Sigma_5 - 10\Sigma_1^3\Sigma_{3,1,4} (25.000)$$

$$- 10\Sigma_1^3\Sigma_{3,2,3} - 10\Sigma_1^3\Sigma_{3,3,2} - 10\Sigma_1^3\Sigma_{3,4,1} + 30\Sigma_1^3\Sigma_4^2 (23.400)$$

$$- 10\Sigma_1^3\Sigma_{4,1,3} - 10\Sigma_1^3\Sigma_{4,2,2} - 10\Sigma_1^3\Sigma_{4,3,1} - 10\Sigma_1^3\Sigma_{5,1,2} (22.800)$$

$$- 10\Sigma_1^3\Sigma_{5,2,1} - 10\Sigma_1^3\Sigma_{6,1,1} - 30\Sigma_1^2\Sigma_{1,1}\Sigma_{1,6} - 30\Sigma_1^2\Sigma_{1,1}\Sigma_{2,5} (24.800)$$

$$- 30\Sigma_1^2\Sigma_{1,1}\Sigma_{3,4} - 30\Sigma_1^2\Sigma_{1,1}\Sigma_{4,3} - 30\Sigma_1^2\Sigma_{1,1}\Sigma_{5,2} (20.100)$$

$$- 30\Sigma_1^2\Sigma_{1,1}\Sigma_{6,1} - 30\Sigma_1^2\Sigma_{1,1,1}\Sigma_6 + 6\Sigma_1^2\Sigma_{1,1,1,1,5} + 6\Sigma_1^2\Sigma_{1,1,1,2,4} (23.800)$$

$$+ 6\Sigma_1^2\Sigma_{1,1,1,3,3} + 6\Sigma_1^2\Sigma_{1,1,1,4,2} + 6\Sigma_1^2\Sigma_{1,1,1,5,1} - 30\Sigma_1^2\Sigma_{1,1,2}\Sigma_5 (22.000)$$

$$+ 6\Sigma_1^2\Sigma_{1,1,2,1,4} + 6\Sigma_1^2\Sigma_{1,1,2,2,3} + 6\Sigma_1^2\Sigma_{1,1,2,3,2} + 6\Sigma_1^2\Sigma_{1,1,2,4,1} - 30\Sigma_1^2\Sigma_{1,1,3}\Sigma_4 (26.900)$$

$$+ 6\Sigma_1^2\Sigma_{1,1,3,1,3} + 6\Sigma_1^2\Sigma_{1,1,3,2,2} + 6\Sigma_1^2\Sigma_{1,1,3,3,1} - 30\Sigma_1^2\Sigma_{1,1,4}\Sigma_3 (22.000)$$

$$+ 6\Sigma_1^2\Sigma_{1,1,4,1,2} + 6\Sigma_1^2\Sigma_{1,1,4,2,1} - 30\Sigma_1^2\Sigma_{1,1,5}\Sigma_2 + 6\Sigma_1^2\Sigma_{1,1,5,1,1} (22.000)$$

$$- 30\Sigma_1^2\Sigma_{1,2}\Sigma_{1,5} - 30\Sigma_1^2\Sigma_{1,2}\Sigma_{2,4} - 30\Sigma_1^2\Sigma_{1,2}\Sigma_{3,3} (20.100)$$

$$- 30\Sigma_1^2\Sigma_{1,2}\Sigma_{4,2} - 30\Sigma_1^2\Sigma_{1,2}\Sigma_{5,1} - 30\Sigma_1^2\Sigma_{1,2,1}\Sigma_5 (20.700)$$

$$+ 6\Sigma_1^2\Sigma_{1,2,1,1,4} + 6\Sigma_1^2\Sigma_{1,2,1,2,3} + 6\Sigma_1^2\Sigma_{1,2,1,3,2} + 6\Sigma_1^2\Sigma_{1,2,1,4,1} - 30\Sigma_1^2\Sigma_{1,2,2}\Sigma_4 (26.900)$$

$$+ 6\Sigma_1^2\Sigma_{1,2,2,1,3} + 6\Sigma_1^2\Sigma_{1,2,2,2,2} + 6\Sigma_1^2\Sigma_{1,2,2,3,1} - 30\Sigma_1^2\Sigma_{1,2,3}\Sigma_3 (22.000)$$

$$+ 6\Sigma_1^2\Sigma_{1,2,3,1,2} + 6\Sigma_1^2\Sigma_{1,2,3,2,1} - 30\Sigma_1^2\Sigma_{1,2,4}\Sigma_2 + 6\Sigma_1^2\Sigma_{1,2,4,1,1} (22.000)$$

$$- 30\Sigma_1^2\Sigma_{1,3}\Sigma_{1,4} - 30\Sigma_1^2\Sigma_{1,3}\Sigma_{2,3} - 30\Sigma_1^2\Sigma_{1,3}\Sigma_{3,2} (20.100)$$

$$- 30\Sigma_1^2\Sigma_{1,3}\Sigma_{4,1} - 30\Sigma_1^2\Sigma_{1,3,1}\Sigma_4 + 6\Sigma_1^2\Sigma_{1,3,1,1,3} + 6\Sigma_1^2\Sigma_{1,3,1,2,2} (23.800)$$

$$+ 6\Sigma_1^2\Sigma_{1,3,1,3,1} - 30\Sigma_1^2\Sigma_{1,3,2}\Sigma_3 + 6\Sigma_1^2\Sigma_{1,3,2,1,2} + 6\Sigma_1^2\Sigma_{1,3,2,2,1}(22.000)$$
$$- 30\Sigma_1^2\Sigma_{1,3,3}\Sigma_2 + 6\Sigma_1^2\Sigma_{1,3,3,1,1} - 30\Sigma_1^2\Sigma_{1,4}\Sigma_{2,2} - 30\Sigma_1^2\Sigma_{1,4}\Sigma_{3,1}(25.600)$$
$$- 30\Sigma_1^2\Sigma_{1,4,1}\Sigma_3 + 6\Sigma_1^2\Sigma_{1,4,1,1,2} + 6\Sigma_1^2\Sigma_{1,4,1,2,1} - 30\Sigma_1^2\Sigma_{1,4,2}\Sigma_2(24.400)$$
$$+ 6\Sigma_1^2\Sigma_{1,4,2,1,1} - 30\Sigma_1^2\Sigma_{1,5}\Sigma_{2,1} - 30\Sigma_1^2\Sigma_{1,5,1}\Sigma_2 + 6\Sigma_1^2\Sigma_{1,5,1,1,1}(23.800)$$
$$+ 90\Sigma_1^2\Sigma_2^2\Sigma_5 - 30\Sigma_1^2\Sigma_2\Sigma_{2,1,4} - 30\Sigma_1^2\Sigma_2\Sigma_{2,2,3}(22.500)$$
$$- 30\Sigma_1^2\Sigma_2\Sigma_{2,3,2} - 30\Sigma_1^2\Sigma_2\Sigma_{2,4,1} + 180\Sigma_1^2\Sigma_2\Sigma_3\Sigma_4(24.900)$$
$$- 30\Sigma_1^2\Sigma_2\Sigma_{3,1,3} - 30\Sigma_1^2\Sigma_2\Sigma_{3,2,2} - 30\Sigma_1^2\Sigma_2\Sigma_{3,3,1}(21.900)$$
$$- 30\Sigma_1^2\Sigma_2\Sigma_{4,1,2} - 30\Sigma_1^2\Sigma_2\Sigma_{4,2,1} - 30\Sigma_1^2\Sigma_2\Sigma_{5,1,1}(21.900)$$
$$- 30\Sigma_1^2\Sigma_{2,1}\Sigma_{2,4} - 30\Sigma_1^2\Sigma_{2,1}\Sigma_{3,3} - 30\Sigma_1^2\Sigma_{2,1}\Sigma_{4,2}(20.100)$$
$$- 30\Sigma_1^2\Sigma_{2,1}\Sigma_{5,1} - 30\Sigma_1^2\Sigma_{2,1,1}\Sigma_5 + 6\Sigma_1^2\Sigma_{2,1,1,1,4} + 6\Sigma_1^2\Sigma_{2,1,1,2,3}(23.800)$$
$$+ 6\Sigma_1^2\Sigma_{2,1,1,3,2} + 6\Sigma_1^2\Sigma_{2,1,1,4,1} - 30\Sigma_1^2\Sigma_{2,1,2}\Sigma_4 + 6\Sigma_1^2\Sigma_{2,1,2,1,3}(22.000)$$
$$+ 6\Sigma_1^2\Sigma_{2,1,2,2,2} + 6\Sigma_1^2\Sigma_{2,1,2,3,1} - 30\Sigma_1^2\Sigma_{2,1,3}\Sigma_3 + 6\Sigma_1^2\Sigma_{2,1,3,1,2}(22.000)$$
$$+ 6\Sigma_1^2\Sigma_{2,1,3,2,1} + 6\Sigma_1^2\Sigma_{2,1,4,1,1} - 30\Sigma_1^2\Sigma_{2,2}\Sigma_{2,3} - 30\Sigma_1^2\Sigma_{2,2}\Sigma_{3,2}(23.200)$$
$$- 30\Sigma_1^2\Sigma_{2,2}\Sigma_{4,1} - 30\Sigma_1^2\Sigma_{2,2,1}\Sigma_4 + 6\Sigma_1^2\Sigma_{2,2,1,1,3} + 6\Sigma_1^2\Sigma_{2,2,1,2,2}(23.800)$$
$$+ 6\Sigma_1^2\Sigma_{2,2,1,3,1} - 30\Sigma_1^2\Sigma_{2,2,2}\Sigma_3 + 6\Sigma_1^2\Sigma_{2,2,2,1,2} + 6\Sigma_1^2\Sigma_{2,2,2,2,1}(22.000)$$
$$+ 6\Sigma_1^2\Sigma_{2,2,3,1,1} - 30\Sigma_1^2\Sigma_{2,3}\Sigma_{3,1} - 30\Sigma_1^2\Sigma_{2,3,1}\Sigma_3 + 6\Sigma_1^2\Sigma_{2,3,1,1,2}(23.800)$$
$$+ 6\Sigma_1^2\Sigma_{2,3,1,2,1} + 6\Sigma_1^2\Sigma_{2,3,2,1,1} + 6\Sigma_1^2\Sigma_{2,4,1,1,1} + 30\Sigma_1^2\Sigma_3^3(21.000)$$
$$- 30\Sigma_1^2\Sigma_3\Sigma_{3,1,2} - 30\Sigma_1^2\Sigma_3\Sigma_{3,2,1} - 30\Sigma_1^2\Sigma_3\Sigma_{4,1,1}(21.900)$$
$$- 30\Sigma_1^2\Sigma_{3,1}\Sigma_{3,2} - 30\Sigma_1^2\Sigma_{3,1}\Sigma_{4,1} - 30\Sigma_1^2\Sigma_{3,1,1}\Sigma_4(20.700)$$
$$+ 6\Sigma_1^2\Sigma_{3,1,1,1,3} + 6\Sigma_1^2\Sigma_{3,1,1,2,2} + 6\Sigma_1^2\Sigma_{3,1,1,3,1} + 6\Sigma_1^2\Sigma_{3,1,2,1,2} + 6\Sigma_1^2\Sigma_{3,1,2,2,1}(24.500)$$
$$+ 6\Sigma_1^2\Sigma_{3,1,3,1,1} + 6\Sigma_1^2\Sigma_{3,2,1,1,2} + 6\Sigma_1^2\Sigma_{3,2,1,2,1} + 6\Sigma_1^2\Sigma_{3,2,2,1,1} + 6\Sigma_1^2\Sigma_{3,3,1,1,1}(24.500)$$
$$+ 6\Sigma_1^2\Sigma_{4,1,1,1,2} + 6\Sigma_1^2\Sigma_{4,1,1,2,1} + 6\Sigma_1^2\Sigma_{4,1,2,1,1} + 6\Sigma_1^2\Sigma_{4,2,1,1,1} + 6\Sigma_1^2\Sigma_{5,1,1,1,1}(24.500)$$
$$- 30\Sigma_1\Sigma_{1,1}^2\Sigma_6 + 12\Sigma_1\Sigma_{1,1}\Sigma_{1,1,1,5} + 12\Sigma_1\Sigma_{1,1}\Sigma_{1,1,2,4}(20.700)$$
$$+ 12\Sigma_1\Sigma_{1,1}\Sigma_{1,1,3,3} + 12\Sigma_1\Sigma_{1,1}\Sigma_{1,1,4,2} + 12\Sigma_1\Sigma_{1,1}\Sigma_{1,1,5,1}(20.100)$$
$$- 60\Sigma_1\Sigma_{1,1}\Sigma_{1,2}\Sigma_5 + 12\Sigma_1\Sigma_{1,1}\Sigma_{1,2,1,4} + 12\Sigma_1\Sigma_{1,1}\Sigma_{1,2,2,3}(21.700)$$
$$+ 12\Sigma_1\Sigma_{1,1}\Sigma_{1,2,3,2} + 12\Sigma_1\Sigma_{1,1}\Sigma_{1,2,4,1} - 60\Sigma_1\Sigma_{1,1}\Sigma_{1,3}\Sigma_4(21.700)$$
$$+ 12\Sigma_1\Sigma_{1,1}\Sigma_{1,3,1,3} + 12\Sigma_1\Sigma_{1,1}\Sigma_{1,3,2,2} + 12\Sigma_1\Sigma_{1,1}\Sigma_{1,3,3,1}(20.100)$$

$$- 60\Sigma_1\Sigma_{1,1}\Sigma_{1,4}\Sigma_3 + 12\Sigma_1\Sigma_{1,1}\Sigma_{1,4,1,2} + 12\Sigma_1\Sigma_{1,1}\Sigma_{1,4,2,1}(21.700)$$

$$- 60\Sigma_1\Sigma_{1,1}\Sigma_{1,5}\Sigma_2 + 12\Sigma_1\Sigma_{1,1}\Sigma_{1,5,1,1} - 60\Sigma_1\Sigma_{1,1}\Sigma_2\Sigma_{2,4}(23.300)$$

$$- 60\Sigma_1\Sigma_{1,1}\Sigma_2\Sigma_{3,3} - 60\Sigma_1\Sigma_{1,1}\Sigma_2\Sigma_{4,2} - 60\Sigma_1\Sigma_{1,1}\Sigma_2\Sigma_{5,1}(24.900)$$

$$- 60\Sigma_1\Sigma_{1,1}\Sigma_{2,1}\Sigma_5 + 12\Sigma_1\Sigma_{1,1}\Sigma_{2,1,1,4} + 12\Sigma_1\Sigma_{1,1}\Sigma_{2,1,2,3}(21.700)$$

$$+ 12\Sigma_1\Sigma_{1,1}\Sigma_{2,1,3,2} + 12\Sigma_1\Sigma_{1,1}\Sigma_{2,1,4,1} - 60\Sigma_1\Sigma_{1,1}\Sigma_{2,2}\Sigma_4(21.700)$$

$$+ 12\Sigma_1\Sigma_{1,1}\Sigma_{2,2,1,3} + 12\Sigma_1\Sigma_{1,1}\Sigma_{2,2,2,2} + 12\Sigma_1\Sigma_{1,1}\Sigma_{2,2,3,1}(20.100)$$

$$- 60\Sigma_1\Sigma_{1,1}\Sigma_{2,3}\Sigma_3 + 12\Sigma_1\Sigma_{1,1}\Sigma_{2,3,1,2} + 12\Sigma_1\Sigma_{1,1}\Sigma_{2,3,2,1}(21.700)$$

$$+ 12\Sigma_1\Sigma_{1,1}\Sigma_{2,4,1,1} - 60\Sigma_1\Sigma_{1,1}\Sigma_3\Sigma_{3,2} - 60\Sigma_1\Sigma_{1,1}\Sigma_3\Sigma_{4,1}(23.300)$$

$$- 60\Sigma_1\Sigma_{1,1}\Sigma_{3,1}\Sigma_4 + 12\Sigma_1\Sigma_{1,1}\Sigma_{3,1,1,3} + 12\Sigma_1\Sigma_{1,1}\Sigma_{3,1,2,2}(21.700)$$

$$+ 12\Sigma_1\Sigma_{1,1}\Sigma_{3,1,3,1} + 12\Sigma_1\Sigma_{1,1}\Sigma_{3,2,1,2} + 12\Sigma_1\Sigma_{1,1}\Sigma_{3,2,2,1}(20.100)$$

$$+ 12\Sigma_1\Sigma_{1,1}\Sigma_{3,3,1,1} + 12\Sigma_1\Sigma_{1,1}\Sigma_{4,1,1,2} + 12\Sigma_1\Sigma_{1,1}\Sigma_{4,1,2,1}(20.100)$$

$$+ 12\Sigma_1\Sigma_{1,1}\Sigma_{4,2,1,1} + 12\Sigma_1\Sigma_{1,1}\Sigma_{5,1,1,1} + 12\Sigma_1\Sigma_{1,1,1}\Sigma_{1,1,5}(20.100)$$

$$+ 12\Sigma_1\Sigma_{1,1,1}\Sigma_{1,2,4} + 12\Sigma_1\Sigma_{1,1,1}\Sigma_{1,3,3} + 12\Sigma_1\Sigma_{1,1,1}\Sigma_{1,4,2}(20.100)$$

$$+ 12\Sigma_1\Sigma_{1,1,1}\Sigma_{1,5,1} - 60\Sigma_1\Sigma_{1,1,1}\Sigma_2\Sigma_5 + 12\Sigma_1\Sigma_{1,1,1}\Sigma_{2,1,4}(22.300)$$

$$+ 12\Sigma_1\Sigma_{1,1,1}\Sigma_{2,2,3} + 12\Sigma_1\Sigma_{1,1,1}\Sigma_{2,3,2} + 12\Sigma_1\Sigma_{1,1,1}\Sigma_{2,4,1}(20.100)$$

$$- 60\Sigma_1\Sigma_{1,1,1}\Sigma_3\Sigma_4 + 12\Sigma_1\Sigma_{1,1,1}\Sigma_{3,1,3} + 12\Sigma_1\Sigma_{1,1,1}\Sigma_{3,2,2}(22.300)$$

$$+ 12\Sigma_1\Sigma_{1,1,1}\Sigma_{3,3,1} + 12\Sigma_1\Sigma_{1,1,1}\Sigma_{4,1,2} + 12\Sigma_1\Sigma_{1,1,1}\Sigma_{4,2,1}(20.100)$$

$$+ 12\Sigma_1\Sigma_{1,1,1}\Sigma_{5,1,1} + 12\Sigma_1\Sigma_{1,1,1,1}\Sigma_{1,5} + 12\Sigma_1\Sigma_{1,1,1,1}\Sigma_{2,4}(20.100)$$

$$+ 12\Sigma_1\Sigma_{1,1,1,1}\Sigma_{3,3} + 12\Sigma_1\Sigma_{1,1,1,1}\Sigma_{4,2} + 12\Sigma_1\Sigma_{1,1,1,1}\Sigma_{5,1}(20.100)$$

$$+ 12\Sigma_1\Sigma_{1,1,1,1,1}\Sigma_5 - 3\Sigma_1\Sigma_{1,1,1,1,1,1,4} - 3\Sigma_1\Sigma_{1,1,1,1,1,2,3} - 3\Sigma_1\Sigma_{1,1,1,1,1,3,2}(22.000)$$

$$- 3\Sigma_1\Sigma_{1,1,1,1,1,4,1} + 12\Sigma_1\Sigma_{1,1,1,1,2}\Sigma_4 - 3\Sigma_1\Sigma_{1,1,1,1,2,1,3} - 3\Sigma_1\Sigma_{1,1,1,1,2,2,2}(22.000)$$

$$- 3\Sigma_1\Sigma_{1,1,1,1,2,3,1} + 12\Sigma_1\Sigma_{1,1,1,1,3}\Sigma_3 - 3\Sigma_1\Sigma_{1,1,1,1,3,1,2} - 3\Sigma_1\Sigma_{1,1,1,1,3,2,1}(22.000)$$

$$+ 12\Sigma_1\Sigma_{1,1,1,1,4}\Sigma_2 - 3\Sigma_1\Sigma_{1,1,1,1,4,1,1} + 12\Sigma_1\Sigma_{1,1,1,2}\Sigma_{1,4} + 12\Sigma_1\Sigma_{1,1,1,2}\Sigma_{2,3}(25.600)$$

$$+ 12\Sigma_1\Sigma_{1,1,1,2}\Sigma_{3,2} + 12\Sigma_1\Sigma_{1,1,1,2}\Sigma_{4,1} + 12\Sigma_1\Sigma_{1,1,1,2,1}\Sigma_4(20.700)$$

$$- 3\Sigma_1\Sigma_{1,1,1,2,1,1,3} - 3\Sigma_1\Sigma_{1,1,1,2,1,2,2} - 3\Sigma_1\Sigma_{1,1,1,2,1,3,1} + 12\Sigma_1\Sigma_{1,1,1,2,2}\Sigma_3(22.000)$$

$$- 3\Sigma_1\Sigma_{1,1,1,2,2,1,2} - 3\Sigma_1\Sigma_{1,1,1,2,2,2,1} + 12\Sigma_1\Sigma_{1,1,1,2,3}\Sigma_2 - 3\Sigma_1\Sigma_{1,1,1,2,3,1,1}(22.000)$$

$$+ 12\Sigma_1\Sigma_{1,1,1,3}\Sigma_{1,3} + 12\Sigma_1\Sigma_{1,1,1,3}\Sigma_{2,2} + 12\Sigma_1\Sigma_{1,1,1,3}\Sigma_{3,1}(20.100)$$

$$+ 12\Sigma_1\Sigma_{1,1,1,3,1}\Sigma_3 - 3\Sigma_1\Sigma_{1,1,1,3,1,1,2} - 3\Sigma_1\Sigma_{1,1,1,3,1,2,1} + 12\Sigma_1\Sigma_{1,1,1,3,2}\Sigma_2(24.400)$$

$$- 3\Sigma_1\Sigma_{1,1,1,3,2,1,1} + 12\Sigma_1\Sigma_{1,1,1,4}\Sigma_{1,2} + 12\Sigma_1\Sigma_{1,1,1,4}\Sigma_{2,1} + 12\Sigma_1\Sigma_{1,1,1,4,1}\Sigma_2(25.600)$$

$$- 3\Sigma_1\Sigma_{1,1,1,4,1,1,1} + 12\Sigma_1\Sigma_{1,1,2}\Sigma_{1,1,4} + 12\Sigma_1\Sigma_{1,1,2}\Sigma_{1,2,3} + 12\Sigma_1\Sigma_{1,1,2}\Sigma_{1,3,2}(25.000)$$

$$+ 12\Sigma_1\Sigma_{1,1,2}\Sigma_{1,4,1} - 60\Sigma_1\Sigma_{1,1,2}\Sigma_2\Sigma_4 + 12\Sigma_1\Sigma_{1,1,2}\Sigma_{2,1,3}(22.300)$$

$$+ 12\Sigma_1\Sigma_{1,1,2}\Sigma_{2,2,2} + 12\Sigma_1\Sigma_{1,1,2}\Sigma_{2,3,1} - 30\Sigma_1\Sigma_{1,1,2}\Sigma_3^2(20.700)$$

$$+ 12\Sigma_1\Sigma_{1,1,2}\Sigma_{3,1,2} + 12\Sigma_1\Sigma_{1,1,2}\Sigma_{3,2,1} + 12\Sigma_1\Sigma_{1,1,2}\Sigma_{4,1,1}(20.100)$$

$$+ 12\Sigma_1\Sigma_{1,1,2,1}\Sigma_{1,4} + 12\Sigma_1\Sigma_{1,1,2,1}\Sigma_{2,3} + 12\Sigma_1\Sigma_{1,1,2,1}\Sigma_{3,2}(20.100)$$

$$+ 12\Sigma_1\Sigma_{1,1,2,1}\Sigma_{4,1} + 12\Sigma_1\Sigma_{1,1,2,1,1}\Sigma_4 - 3\Sigma_1\Sigma_{1,1,2,1,1,1,3} - 3\Sigma_1\Sigma_{1,1,2,1,1,2,2}(23.800)$$

$$- 3\Sigma_1\Sigma_{1,1,2,1,1,3,1} + 12\Sigma_1\Sigma_{1,1,2,1,2}\Sigma_3 - 3\Sigma_1\Sigma_{1,1,2,1,2,1,2} - 3\Sigma_1\Sigma_{1,1,2,1,2,2,1}(22.000)$$

$$+ 12\Sigma_1\Sigma_{1,1,2,1,3}\Sigma_2 - 3\Sigma_1\Sigma_{1,1,2,1,3,1,1} + 12\Sigma_1\Sigma_{1,1,2,2}\Sigma_{1,3} + 12\Sigma_1\Sigma_{1,1,2,2}\Sigma_{2,2}(25.600)$$

$$+ 12\Sigma_1\Sigma_{1,1,2,2}\Sigma_{3,1} + 12\Sigma_1\Sigma_{1,1,2,2,1}\Sigma_3 - 3\Sigma_1\Sigma_{1,1,2,2,1,1,2} - 3\Sigma_1\Sigma_{1,1,2,2,1,2,1}(23.800)$$

$$+ 12\Sigma_1\Sigma_{1,1,2,2,2}\Sigma_2 - 3\Sigma_1\Sigma_{1,1,2,2,2,1,1} + 12\Sigma_1\Sigma_{1,1,2,3}\Sigma_{1,2} + 12\Sigma_1\Sigma_{1,1,2,3}\Sigma_{2,1}(25.600)$$

$$+ 12\Sigma_1\Sigma_{1,1,2,3,1}\Sigma_2 - 3\Sigma_1\Sigma_{1,1,2,3,1,1,1} + 6\Sigma_1\Sigma_{1,1,3}^2 + 12\Sigma_1\Sigma_{1,1,3}\Sigma_{1,2,2}(23.800)$$

$$+ 12\Sigma_1\Sigma_{1,1,3}\Sigma_{1,3,1} - 60\Sigma_1\Sigma_{1,1,3}\Sigma_2\Sigma_3 + 12\Sigma_1\Sigma_{1,1,3}\Sigma_{2,1,2}(22.300)$$

$$+ 12\Sigma_1\Sigma_{1,1,3}\Sigma_{2,2,1} + 12\Sigma_1\Sigma_{1,1,3}\Sigma_{3,1,1} + 12\Sigma_1\Sigma_{1,1,3,1}\Sigma_{1,3}(20.100)$$

$$+ 12\Sigma_1\Sigma_{1,1,3,1}\Sigma_{2,2} + 12\Sigma_1\Sigma_{1,1,3,1}\Sigma_{3,1} + 12\Sigma_1\Sigma_{1,1,3,1,1}\Sigma_3(20.700)$$

$$- 3\Sigma_1\Sigma_{1,1,3,1,1,1,2} - 3\Sigma_1\Sigma_{1,1,3,1,1,2,1} + 12\Sigma_1\Sigma_{1,1,3,1,2}\Sigma_2 - 3\Sigma_1\Sigma_{1,1,3,1,2,1,1}(22.000)$$

$$+ 12\Sigma_1\Sigma_{1,1,3,2}\Sigma_{1,2} + 12\Sigma_1\Sigma_{1,1,3,2}\Sigma_{2,1} + 12\Sigma_1\Sigma_{1,1,3,2,1}\Sigma_2(20.700)$$

$$- 3\Sigma_1\Sigma_{1,1,3,2,1,1,1} + 12\Sigma_1\Sigma_{1,1,4}\Sigma_{1,2,1} - 30\Sigma_1\Sigma_{1,1,4}\Sigma_2^2 + 12\Sigma_1\Sigma_{1,1,4}\Sigma_{2,1,1}(25.600)$$

$$+ 12\Sigma_1\Sigma_{1,1,4,1}\Sigma_{1,2} + 12\Sigma_1\Sigma_{1,1,4,1}\Sigma_{2,1} + 12\Sigma_1\Sigma_{1,1,4,1,1}\Sigma_2(20.700)$$

$$- 3\Sigma_1\Sigma_{1,1,4,1,1,1,1} - 30\Sigma_1\Sigma_{1,2}^2\Sigma_4 + 12\Sigma_1\Sigma_{1,2}\Sigma_{1,2,1,3} + 12\Sigma_1\Sigma_{1,2}\Sigma_{1,2,2,2}(25.600)$$

$$+ 12\Sigma_1\Sigma_{1,2}\Sigma_{1,2,3,1} - 60\Sigma_1\Sigma_{1,2}\Sigma_{1,3}\Sigma_3 + 12\Sigma_1\Sigma_{1,2}\Sigma_{1,3,1,2}(21.700)$$

$$+ 12\Sigma_1\Sigma_{1,2}\Sigma_{1,3,2,1} - 60\Sigma_1\Sigma_{1,2}\Sigma_{1,4}\Sigma_2 + 12\Sigma_1\Sigma_{1,2}\Sigma_{1,4,1,1}(21.700)$$

$$- 60\Sigma_1\Sigma_{1,2}\Sigma_2\Sigma_{2,3} - 60\Sigma_1\Sigma_{1,2}\Sigma_2\Sigma_{3,2} - 60\Sigma_1\Sigma_{1,2}\Sigma_2\Sigma_{4,1}(24.900)$$

$$- 60\Sigma_1\Sigma_{1,2}\Sigma_{2,1}\Sigma_4 + 12\Sigma_1\Sigma_{1,2}\Sigma_{2,1,1,3} + 12\Sigma_1\Sigma_{1,2}\Sigma_{2,1,2,2}(21.700)$$

$$+ 12\Sigma_1\Sigma_{1,2}\Sigma_{2,1,3,1} - 60\Sigma_1\Sigma_{1,2}\Sigma_{2,2}\Sigma_3 + 12\Sigma_1\Sigma_{1,2}\Sigma_{2,2,1,2}(21.700)$$

$$+ 12\Sigma_1\Sigma_{1,2}\Sigma_{2,2,2,1} + 12\Sigma_1\Sigma_{1,2}\Sigma_{2,3,1,1} - 60\Sigma_1\Sigma_{1,2}\Sigma_3\Sigma_{3,1}(21.700)$$

$$+ 12\Sigma_1\Sigma_{1,2}\Sigma_{3,1,1,2} + 12\Sigma_1\Sigma_{1,2}\Sigma_{3,1,2,1} + 12\Sigma_1\Sigma_{1,2}\Sigma_{3,2,1,1}(20.100)$$

$$+ 12\Sigma_1\Sigma_{1,2}\Sigma_{4,1,1,1} + 12\Sigma_1\Sigma_{1,2,1}\Sigma_{1,2,3} + 12\Sigma_1\Sigma_{1,2,1}\Sigma_{1,3,2}(20.100)$$

$$+ 12\Sigma_1\Sigma_{1,2,1}\Sigma_{1,4,1} - 60\Sigma_1\Sigma_{1,2,1}\Sigma_2\Sigma_4 + 12\Sigma_1\Sigma_{1,2,1}\Sigma_{2,1,3}(22.300)$$

$$+ 12\Sigma_1\Sigma_{1,2,1}\Sigma_{2,2,2} + 12\Sigma_1\Sigma_{1,2,1}\Sigma_{2,3,1} - 30\Sigma_1\Sigma_{1,2,1}\Sigma_3^2(20.700)$$

$$+ 12\Sigma_1\Sigma_{1,2,1}\Sigma_{3,1,2} + 12\Sigma_1\Sigma_{1,2,1}\Sigma_{3,2,1} + 12\Sigma_1\Sigma_{1,2,1}\Sigma_{4,1,1}(20.100)$$

$$+ 12\Sigma_1\Sigma_{1,2,1,1}\Sigma_{1,4} + 12\Sigma_1\Sigma_{1,2,1,1}\Sigma_{2,3} + 12\Sigma_1\Sigma_{1,2,1,1}\Sigma_{3,2}(20.100)$$

$$+ 12\Sigma_1\Sigma_{1,2,1,1}\Sigma_{4,1} + 12\Sigma_1\Sigma_{1,2,1,1,1}\Sigma_4 - 3\Sigma_1\Sigma_{1,2,1,1,1,1,3} - 3\Sigma_1\Sigma_{1,2,1,1,1,2,2}(23.800)$$

$$- 3\Sigma_1\Sigma_{1,2,1,1,1,3,1} + 12\Sigma_1\Sigma_{1,2,1,1,2}\Sigma_3 - 3\Sigma_1\Sigma_{1,2,1,1,2,1,2} - 3\Sigma_1\Sigma_{1,2,1,1,2,2,1}(22.000)$$

$$+ 12\Sigma_1\Sigma_{1,2,1,1,3}\Sigma_2 - 3\Sigma_1\Sigma_{1,2,1,1,3,1,1} + 12\Sigma_1\Sigma_{1,2,1,2}\Sigma_{1,3} + 12\Sigma_1\Sigma_{1,2,1,2}\Sigma_{2,2}(25.600)$$

$$+ 12\Sigma_1\Sigma_{1,2,1,2}\Sigma_{3,1} + 12\Sigma_1\Sigma_{1,2,1,2,1}\Sigma_3 - 3\Sigma_1\Sigma_{1,2,1,2,1,1,2} - 3\Sigma_1\Sigma_{1,2,1,2,1,2,1}(23.800)$$

$$+ 12\Sigma_1\Sigma_{1,2,1,2,2}\Sigma_2 - 3\Sigma_1\Sigma_{1,2,1,2,2,1,1} + 12\Sigma_1\Sigma_{1,2,1,3}\Sigma_{2,1} + 12\Sigma_1\Sigma_{1,2,1,3,1}\Sigma_2(26.200)$$

$$- 3\Sigma_1\Sigma_{1,2,1,3,1,1,1} + 6\Sigma_1\Sigma_{1,2,2}^2 + 12\Sigma_1\Sigma_{1,2,2}\Sigma_{1,3,1} - 60\Sigma_1\Sigma_{1,2,2}\Sigma_2\Sigma_3(25.400)$$

$$+ 12\Sigma_1\Sigma_{1,2,2}\Sigma_{2,1,2} + 12\Sigma_1\Sigma_{1,2,2}\Sigma_{2,2,1} + 12\Sigma_1\Sigma_{1,2,2}\Sigma_{3,1,1}(20.100)$$

$$+ 12\Sigma_1\Sigma_{1,2,2,1}\Sigma_{1,3} + 12\Sigma_1\Sigma_{1,2,2,1}\Sigma_{2,2} + 12\Sigma_1\Sigma_{1,2,2,1}\Sigma_{3,1}(20.100)$$

$$+ 12\Sigma_1\Sigma_{1,2,2,1,1}\Sigma_3 - 3\Sigma_1\Sigma_{1,2,2,1,1,1,2} - 3\Sigma_1\Sigma_{1,2,2,1,1,2,1} + 12\Sigma_1\Sigma_{1,2,2,1,2}\Sigma_2(24.400)$$

$$- 3\Sigma_1\Sigma_{1,2,2,1,2,1,1} + 12\Sigma_1\Sigma_{1,2,2,2}\Sigma_{2,1} + 12\Sigma_1\Sigma_{1,2,2,2,1}\Sigma_2 - 3\Sigma_1\Sigma_{1,2,2,2,1,1,1}(23.800)$$

$$- 30\Sigma_1\Sigma_{1,2,3}\Sigma_2^2 + 12\Sigma_1\Sigma_{1,2,3}\Sigma_{2,1,1} + 12\Sigma_1\Sigma_{1,2,3,1}\Sigma_{2,1}(20.700)$$

$$+ 12\Sigma_1\Sigma_{1,2,3,1,1}\Sigma_2 - 3\Sigma_1\Sigma_{1,2,3,1,1,1,1} - 30\Sigma_1\Sigma_{1,3}^2\Sigma_2 + 12\Sigma_1\Sigma_{1,3}\Sigma_{1,3,1,1}(26.200)$$

$$- 60\Sigma_1\Sigma_{1,3}\Sigma_2\Sigma_{2,2} - 60\Sigma_1\Sigma_{1,3}\Sigma_2\Sigma_{3,1} - 60\Sigma_1\Sigma_{1,3}\Sigma_{2,1}\Sigma_3(24.900)$$

$$+ 12\Sigma_1\Sigma_{1,3}\Sigma_{2,1,1,2} + 12\Sigma_1\Sigma_{1,3}\Sigma_{2,1,2,1} + 12\Sigma_1\Sigma_{1,3}\Sigma_{2,2,1,1}(20.100)$$

$$+ 12\Sigma_1\Sigma_{1,3}\Sigma_{3,1,1,1} + 6\Sigma_1\Sigma_{1,3,1}^2 - 60\Sigma_1\Sigma_{1,3,1}\Sigma_2\Sigma_3(20.500)$$

$$+ 12\Sigma_1\Sigma_{1,3,1}\Sigma_{2,1,2} + 12\Sigma_1\Sigma_{1,3,1}\Sigma_{2,2,1} + 12\Sigma_1\Sigma_{1,3,1}\Sigma_{3,1,1}(20.100)$$

$$+ 12\Sigma_1\Sigma_{1,3,1,1}\Sigma_{2,2} + 12\Sigma_1\Sigma_{1,3,1,1}\Sigma_{3,1} + 12\Sigma_1\Sigma_{1,3,1,1,1}\Sigma_3(20.700)$$

$$- 3\Sigma_1\Sigma_{1,3,1,1,1,1,2} - 3\Sigma_1\Sigma_{1,3,1,1,1,2,1} + 12\Sigma_1\Sigma_{1,3,1,1,2}\Sigma_2 - 3\Sigma_1\Sigma_{1,3,1,1,2,1,1}(22.000)$$

$$+ 12\Sigma_1\Sigma_{1,3,1,2}\Sigma_{2,1} + 12\Sigma_1\Sigma_{1,3,1,2,1}\Sigma_2 - 3\Sigma_1\Sigma_{1,3,1,2,1,1,1} - 30\Sigma_1\Sigma_{1,3,2}\Sigma_2^2(26.200)$$

$$+ 12\Sigma_1\Sigma_{1,3,2}\Sigma_{2,1,1} + 12\Sigma_1\Sigma_{1,3,2,1}\Sigma_{2,1} + 12\Sigma_1\Sigma_{1,3,2,1,1}\Sigma_2(20.700)$$

$$- 3\Sigma_1\Sigma_{1,3,2,1,1,1,1} - 60\Sigma_1\Sigma_{1,4}\Sigma_2\Sigma_{2,1} + 12\Sigma_1\Sigma_{1,4}\Sigma_{2,1,1,1} - 30\Sigma_1\Sigma_{1,4,1}\Sigma_2^2(27.200)$$

$$+ 12\Sigma_1\Sigma_{1,4,1}\Sigma_{2,1,1} + 12\Sigma_1\Sigma_{1,4,1,1}\Sigma_{2,1} + 12\Sigma_1\Sigma_{1,4,1,1,1}\Sigma_2(20.700)$$

$$- 3\Sigma_1\Sigma_{1,4,1,1,1,1,1} + 60\Sigma_1\Sigma_2^3\Sigma_4 - 30\Sigma_1\Sigma_2^2\Sigma_{2,1,3}(20.100)$$

$$- 30\Sigma_1\Sigma_2^2\Sigma_{2,2,2} - 30\Sigma_1\Sigma_2^2\Sigma_{2,3,1} + 90\Sigma_1\Sigma_2^2\Sigma_3^2(22.500)$$

$$- 30\Sigma_1\Sigma_2^2\Sigma_{3,1,2} - 30\Sigma_1\Sigma_2^2\Sigma_{3,2,1} - 30\Sigma_1\Sigma_2^2\Sigma_{4,1,1}(21.900)$$

$$- 60\Sigma_1\Sigma_2\Sigma_{2,1}\Sigma_{2,3} - 60\Sigma_1\Sigma_2\Sigma_{2,1}\Sigma_{3,2} - 60\Sigma_1\Sigma_2\Sigma_{2,1}\Sigma_{4,1}(24.900)$$

$$- 60\Sigma_1\Sigma_2\Sigma_{2,1,1}\Sigma_4 + 12\Sigma_1\Sigma_2\Sigma_{2,1,1,1,3} + 12\Sigma_1\Sigma_2\Sigma_{2,1,1,2,2}(23.500)$$

$$+ 12\Sigma_1\Sigma_2\Sigma_{2,1,1,3,1} - 60\Sigma_1\Sigma_2\Sigma_{2,1,2}\Sigma_3 + 12\Sigma_1\Sigma_2\Sigma_{2,1,2,1,2}(23.500)$$

$$+ 12\Sigma_1\Sigma_2\Sigma_{2,1,2,2,1} + 12\Sigma_1\Sigma_2\Sigma_{2,1,3,1,1} - 30\Sigma_1\Sigma_2\Sigma_{2,2}^2(21.900)$$

$$- 60\Sigma_1\Sigma_2\Sigma_{2,2}\Sigma_{3,1} - 60\Sigma_1\Sigma_2\Sigma_{2,2,1}\Sigma_3 + 12\Sigma_1\Sigma_2\Sigma_{2,2,1,1,2}(24.500)$$

$$+ 12\Sigma_1\Sigma_2\Sigma_{2,2,1,2,1} + 12\Sigma_1\Sigma_2\Sigma_{2,2,2,1,1} + 12\Sigma_1\Sigma_2\Sigma_{2,3,1,1,1}(21.900)$$

$$- 60\Sigma_1\Sigma_2\Sigma_3\Sigma_{3,1,1} - 30\Sigma_1\Sigma_2\Sigma_{3,1}^2 + 12\Sigma_1\Sigma_2\Sigma_{3,1,1,1,2}(23.500)$$

$$+ 12\Sigma_1\Sigma_2\Sigma_{3,1,1,2,1} + 12\Sigma_1\Sigma_2\Sigma_{3,1,2,1,1} + 12\Sigma_1\Sigma_2\Sigma_{3,2,1,1,1}(21.900)$$

$$+ 12\Sigma_1\Sigma_2\Sigma_{4,1,1,1,1} - 30\Sigma_1\Sigma_{2,1}^2\Sigma_4 + 12\Sigma_1\Sigma_{2,1}\Sigma_{2,1,1,3}(21.300)$$

$$+ 12\Sigma_1\Sigma_{2,1}\Sigma_{2,1,2,2} + 12\Sigma_1\Sigma_{2,1}\Sigma_{2,1,3,1} - 60\Sigma_1\Sigma_{2,1}\Sigma_{2,2}\Sigma_3(21.700)$$

$$+ 12\Sigma_1\Sigma_{2,1}\Sigma_{2,2,1,2} + 12\Sigma_1\Sigma_{2,1}\Sigma_{2,2,2,1} + 12\Sigma_1\Sigma_{2,1}\Sigma_{2,3,1,1}(20.100)$$

$$- 60\Sigma_1\Sigma_{2,1}\Sigma_3\Sigma_{3,1} + 12\Sigma_1\Sigma_{2,1}\Sigma_{3,1,1,2} + 12\Sigma_1\Sigma_{2,1}\Sigma_{3,1,2,1}(21.700)$$

$$+ 12\Sigma_1\Sigma_{2,1}\Sigma_{3,2,1,1} + 12\Sigma_1\Sigma_{2,1}\Sigma_{4,1,1,1} + 12\Sigma_1\Sigma_{2,1,1}\Sigma_{2,1,3}(20.100)$$

$$+ 12\Sigma_1\Sigma_{2,1,1}\Sigma_{2,2,2} + 12\Sigma_1\Sigma_{2,1,1}\Sigma_{2,3,1} - 30\Sigma_1\Sigma_{2,1,1}\Sigma_3^2(20.700)$$

$$+ 12\Sigma_1\Sigma_{2,1,1}\Sigma_{3,1,2} + 12\Sigma_1\Sigma_{2,1,1}\Sigma_{3,2,1} + 12\Sigma_1\Sigma_{2,1,1}\Sigma_{4,1,1}(20.100)$$

$$+ 12\Sigma_1\Sigma_{2,1,1,1}\Sigma_{2,3} + 12\Sigma_1\Sigma_{2,1,1,1}\Sigma_{3,2} + 12\Sigma_1\Sigma_{2,1,1,1}\Sigma_{4,1}(20.100)$$

$$+ 12\Sigma_1\Sigma_{2,1,1,1,1}\Sigma_4 - 3\Sigma_1\Sigma_{2,1,1,1,1,1,3} - 3\Sigma_1\Sigma_{2,1,1,1,1,2,2} - 3\Sigma_1\Sigma_{2,1,1,1,1,3,1}(22.000)$$

$$+ 12\Sigma_1\Sigma_{2,1,1,1,2}\Sigma_3 - 3\Sigma_1\Sigma_{2,1,1,1,2,1,2} - 3\Sigma_1\Sigma_{2,1,1,1,2,2,1} - 3\Sigma_1\Sigma_{2,1,1,1,3,1,1}(22.000)$$

$$+ 12\Sigma_1\Sigma_{2,1,1,2}\Sigma_{2,2} + 12\Sigma_1\Sigma_{2,1,1,2}\Sigma_{3,1} + 12\Sigma_1\Sigma_{2,1,1,2,1}\Sigma_3(20.700)$$

$$- 3\Sigma_1\Sigma_{2,1,1,2,1,1,2} - 3\Sigma_1\Sigma_{2,1,1,2,1,2,1} - 3\Sigma_1\Sigma_{2,1,1,2,2,1,1} - 3\Sigma_1\Sigma_{2,1,1,3,1,1,1} + 6\Sigma_1\Sigma_{2,1,2}^2(24.500)$$

$$+ 12\Sigma_1\Sigma_{2,1,2}\Sigma_{2,2,1} + 12\Sigma_1\Sigma_{2,1,2}\Sigma_{3,1,1} + 12\Sigma_1\Sigma_{2,1,2,1}\Sigma_{2,2}(20.100)$$

$$+ 12\Sigma_1\Sigma_{2,1,2,1}\Sigma_{3,1} + 12\Sigma_1\Sigma_{2,1,2,1,1}\Sigma_3 - 3\Sigma_1\Sigma_{2,1,2,1,1,1,2} - 3\Sigma_1\Sigma_{2,1,2,1,1,2,1}(23.800)$$

$$- 3\Sigma_1\Sigma_{2,1,2,1,2,1,1} - 3\Sigma_1\Sigma_{2,1,2,2,1,1,1} - 3\Sigma_1\Sigma_{2,1,3,1,1,1,1} + 12\Sigma_1\Sigma_{2,2}\Sigma_{2,2,1,1}(21.400)$$

$$+ 12\Sigma_1\Sigma_{2,2}\Sigma_{3,1,1,1} + 6\Sigma_1\Sigma_{2,2,1}^2 + 12\Sigma_1\Sigma_{2,2,1}\Sigma_{3,1,1} + 12\Sigma_1\Sigma_{2,2,1,1}\Sigma_{3,1}(25.000)$$

$$+ 12\Sigma_1\Sigma_{2,2,1,1,1}\Sigma_3 - 3\Sigma_1\Sigma_{2,2,1,1,1,1,2} - 3\Sigma_1\Sigma_{2,2,1,1,1,2,1} - 3\Sigma_1\Sigma_{2,2,1,1,2,1,1}(22.000)$$

$$- 3\Sigma_1\Sigma_{2,2,1,2,1,1,1} - 3\Sigma_1\Sigma_{2,2,2,1,1,1,1} - 3\Sigma_1\Sigma_{2,3,1,1,1,1,1} + 12\Sigma_1\Sigma_3\Sigma_{3,1,1,1,1}(22.000)$$

$$+ 12\Sigma_1\Sigma_{3,1}\Sigma_{3,1,1,1} + 6\Sigma_1\Sigma_{3,1,1}^2 - 3\Sigma_1\Sigma_{3,1,1,1,1,1,2} - 3\Sigma_1\Sigma_{3,1,1,1,1,2,1}(21.400)$$

$$- 3\Sigma_1\Sigma_{3,1,1,1,2,1,1} - 3\Sigma_1\Sigma_{3,1,1,2,1,1,1} - 3\Sigma_1\Sigma_{3,1,2,1,1,1,1} - 3\Sigma_1\Sigma_{3,2,1,1,1,1,1} - 3\Sigma_1\Sigma_{4,1,1,1,1,1,1}(24.500)$$

$$+ 6\Sigma_{1,1}^2\Sigma_{1,1,5} + 6\Sigma_{1,1}^2\Sigma_{1,2,4} + 6\Sigma_{1,1}^2\Sigma_{1,3,3} + 6\Sigma_{1,1}^2\Sigma_{1,4,2} + 6\Sigma_{1,1}^2\Sigma_{1,5,1}(21.500)$$

$$- 30\Sigma_{1,1}^2\Sigma_2\Sigma_5 + 6\Sigma_{1,1}^2\Sigma_{2,1,4} + 6\Sigma_{1,1}^2\Sigma_{2,2,3} + 6\Sigma_{1,1}^2\Sigma_{2,3,2}(20.200)$$

$$+ 6\Sigma_{1,1}^2\Sigma_{2,4,1} - 30\Sigma_{1,1}^2\Sigma_3\Sigma_4 + 6\Sigma_{1,1}^2\Sigma_{3,1,3} + 6\Sigma_{1,1}^2\Sigma_{3,2,2}(20.200)$$

$$+ 6\Sigma_{1,1}^2\Sigma_{3,3,1} + 6\Sigma_{1,1}^2\Sigma_{4,1,2} + 6\Sigma_{1,1}^2\Sigma_{4,2,1} + 6\Sigma_{1,1}^2\Sigma_{5,1,1} + 12\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{1,5}(23.300)$$

$$+ 12\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{2,4} + 12\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{3,3} + 12\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{4,2} + 12\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_{5,1}(24.400)$$

$$+ 12\Sigma_{1,1}\Sigma_{1,1,1,1}\Sigma_5 - 3\Sigma_{1,1}\Sigma_{1,1,1,1,1,4} - 3\Sigma_{1,1}\Sigma_{1,1,1,1,2,3} - 3\Sigma_{1,1}\Sigma_{1,1,1,1,3,2} - 3\Sigma_{1,1}\Sigma_{1,1,1,1,4,1}(23.900)$$

$$+ 12\Sigma_{1,1}\Sigma_{1,1,1,2}\Sigma_4 - 3\Sigma_{1,1}\Sigma_{1,1,1,2,1,3} - 3\Sigma_{1,1}\Sigma_{1,1,1,2,2,2} - 3\Sigma_{1,1}\Sigma_{1,1,1,2,3,1} + 12\Sigma_{1,1}\Sigma_{1,1,1,3}\Sigma_3(26.300)$$

$$- 3\Sigma_{1,1}\Sigma_{1,1,1,3,1,2} - 3\Sigma_{1,1}\Sigma_{1,1,1,3,2,1} + 12\Sigma_{1,1}\Sigma_{1,1,1,4}\Sigma_2 - 3\Sigma_{1,1}\Sigma_{1,1,1,4,1,1} + 12\Sigma_{1,1}\Sigma_{1,1,2}\Sigma_{1,4}(25.700)$$

$$+ 12\Sigma_{1,1}\Sigma_{1,1,2}\Sigma_{2,3} + 12\Sigma_{1,1}\Sigma_{1,1,2}\Sigma_{3,2} + 12\Sigma_{1,1}\Sigma_{1,1,2}\Sigma_{4,1} + 12\Sigma_{1,1}\Sigma_{1,1,2,1}\Sigma_4(25.000)$$

$$- 3\Sigma_{1,1}\Sigma_{1,1,2,1,1,3} - 3\Sigma_{1,1}\Sigma_{1,1,2,1,2,2} - 3\Sigma_{1,1}\Sigma_{1,1,2,1,3,1} + 12\Sigma_{1,1}\Sigma_{1,1,2,2}\Sigma_3 - 3\Sigma_{1,1}\Sigma_{1,1,2,2,1,2}(23.900)$$

$$- 3\Sigma_{1,1}\Sigma_{1,1,2,2,2,1} + 12\Sigma_{1,1}\Sigma_{1,1,2,3}\Sigma_2 - 3\Sigma_{1,1}\Sigma_{1,1,2,3,1,1} + 12\Sigma_{1,1}\Sigma_{1,1,3}\Sigma_{1,3}(21.400)$$

$$+ 12\Sigma_{1,1}\Sigma_{1,1,3}\Sigma_{2,2} + 12\Sigma_{1,1}\Sigma_{1,1,3}\Sigma_{3,1} + 12\Sigma_{1,1}\Sigma_{1,1,3,1}\Sigma_3 - 3\Sigma_{1,1}\Sigma_{1,1,3,1,1,2}(23.200)$$

$$- 3\Sigma_{1,1}\Sigma_{1,1,3,1,2,1} + 12\Sigma_{1,1}\Sigma_{1,1,3,2}\Sigma_2 - 3\Sigma_{1,1}\Sigma_{1,1,3,2,1,1} + 12\Sigma_{1,1}\Sigma_{1,1,4}\Sigma_{1,2}(21.400)$$

$$+ 12\Sigma_{1,1}\Sigma_{1,1,4}\Sigma_{2,1} + 12\Sigma_{1,1}\Sigma_{1,1,4,1}\Sigma_2 - 3\Sigma_{1,1}\Sigma_{1,1,4,1,1,1} + 12\Sigma_{1,1}\Sigma_{1,2}\Sigma_{1,2,3}(23.200)$$

$$+ 12\Sigma_{1,1}\Sigma_{1,2}\Sigma_{1,3,2} + 12\Sigma_{1,1}\Sigma_{1,2}\Sigma_{1,4,1} - 60\Sigma_{1,1}\Sigma_{1,2}\Sigma_2\Sigma_4(20.500)$$

$$+ 12\Sigma_{1,1}\Sigma_{1,2}\Sigma_{2,1,3} + 12\Sigma_{1,1}\Sigma_{1,2}\Sigma_{2,2,2} + 12\Sigma_{1,1}\Sigma_{1,2}\Sigma_{2,3,1} - 30\Sigma_{1,1}\Sigma_{1,2}\Sigma_3^2(25.000)$$

$$+ 12\Sigma_{1,1}\Sigma_{1,2}\Sigma_{3,1,2} + 12\Sigma_{1,1}\Sigma_{1,2}\Sigma_{3,2,1} + 12\Sigma_{1,1}\Sigma_{1,2}\Sigma_{4,1,1} + 12\Sigma_{1,1}\Sigma_{1,2,1}\Sigma_{1,4}(24.400)$$

$$+ 12\Sigma_{1,1}\Sigma_{1,2,1}\Sigma_{2,3} + 12\Sigma_{1,1}\Sigma_{1,2,1}\Sigma_{3,2} + 12\Sigma_{1,1}\Sigma_{1,2,1}\Sigma_{4,1} + 12\Sigma_{1,1}\Sigma_{1,2,1,1}\Sigma_4(25.000)$$

$$- 3\Sigma_{1,1}\Sigma_{1,2,1,1,1,3} - 3\Sigma_{1,1}\Sigma_{1,2,1,1,2,2} - 3\Sigma_{1,1}\Sigma_{1,2,1,1,3,1} + 12\Sigma_{1,1}\Sigma_{1,2,1,2}\Sigma_3 - 3\Sigma_{1,1}\Sigma_{1,2,1,2,1,2}(23.900)$$

$$- 3\Sigma_{1,1}\Sigma_{1,2,1,2,2,1} + 12\Sigma_{1,1}\Sigma_{1,2,1,3}\Sigma_2 - 3\Sigma_{1,1}\Sigma_{1,2,1,3,1,1} + 12\Sigma_{1,1}\Sigma_{1,2,2}\Sigma_{1,3}(21.400)$$

$$+ 12\Sigma_{1,1}\Sigma_{1,2,2}\Sigma_{2,2} + 12\Sigma_{1,1}\Sigma_{1,2,2}\Sigma_{3,1} + 12\Sigma_{1,1}\Sigma_{1,2,2,1}\Sigma_3 - 3\Sigma_{1,1}\Sigma_{1,2,2,1,1,2}(23.200)$$

$$- 3\Sigma_{1,1}\Sigma_{1,2,2,1,2,1} + 12\Sigma_{1,1}\Sigma_{1,2,2,2}\Sigma_2 - 3\Sigma_{1,1}\Sigma_{1,2,2,2,1,1} + 12\Sigma_{1,1}\Sigma_{1,2,3}\Sigma_{2,1}(21.400)$$

$$+ 12\Sigma_{1,1}\Sigma_{1,2,3,1}\Sigma_2 - 3\Sigma_{1,1}\Sigma_{1,2,3,1,1,1} + 12\Sigma_{1,1}\Sigma_{1,3}\Sigma_{1,3,1} - 60\Sigma_{1,1}\Sigma_{1,3}\Sigma_2\Sigma_3(25.400)$$

$$+ 12\Sigma_{1,1}\Sigma_{1,3}\Sigma_{2,1,2} + 12\Sigma_{1,1}\Sigma_{1,3}\Sigma_{2,2,1} + 12\Sigma_{1,1}\Sigma_{1,3}\Sigma_{3,1,1} + 12\Sigma_{1,1}\Sigma_{1,3,1}\Sigma_{2,2}(24.400)$$

$$+ 12\Sigma_{1,1}\Sigma_{1,3,1}\Sigma_{3,1} + 12\Sigma_{1,1}\Sigma_{1,3,1,1}\Sigma_3 - 3\Sigma_{1,1}\Sigma_{1,3,1,1,1,2} - 3\Sigma_{1,1}\Sigma_{1,3,1,1,2,1}(21.400)$$

$$+ 12\Sigma_{1,1}\Sigma_{1,3,1,2}\Sigma_2 - 3\Sigma_{1,1}\Sigma_{1,3,1,2,1,1} + 12\Sigma_{1,1}\Sigma_{1,3,2}\Sigma_{2,1} + 12\Sigma_{1,1}\Sigma_{1,3,2,1}\Sigma_2(23.800)$$

$$- 3\Sigma_{1,1}\Sigma_{1,3,2,1,1,1} - 30\Sigma_{1,1}\Sigma_{1,4}\Sigma_2^2 + 12\Sigma_{1,1}\Sigma_{1,4}\Sigma_{2,1,1} + 12\Sigma_{1,1}\Sigma_{1,4,1}\Sigma_{2,1}(23.200)$$

$$+ 12\Sigma_{1,1}\Sigma_{1,4,1,1}\Sigma_2 - 3\Sigma_{1,1}\Sigma_{1,4,1,1,1,1} - 30\Sigma_{1,1}\Sigma_2^2\Sigma_{2,3} - 30\Sigma_{1,1}\Sigma_2^2\Sigma_{3,2}(24.400)$$

$$- 30\Sigma_{1,1}\Sigma_2^2\Sigma_{4,1} - 60\Sigma_{1,1}\Sigma_2\Sigma_{2,1}\Sigma_4 + 12\Sigma_{1,1}\Sigma_2\Sigma_{2,1,1,3}(21.700)$$

$$+ 12\Sigma_{1,1}\Sigma_2\Sigma_{2,1,2,2} + 12\Sigma_{1,1}\Sigma_2\Sigma_{2,1,3,1} - 60\Sigma_{1,1}\Sigma_2\Sigma_{2,2}\Sigma_3(21.700)$$

$$+ 12\Sigma_{1,1}\Sigma_2\Sigma_{2,2,1,2} + 12\Sigma_{1,1}\Sigma_2\Sigma_{2,2,2,1} + 12\Sigma_{1,1}\Sigma_2\Sigma_{2,3,1,1}(20.100)$$

$$- 60\Sigma_{1,1}\Sigma_2\Sigma_3\Sigma_{3,1} + 12\Sigma_{1,1}\Sigma_2\Sigma_{3,1,1,2} + 12\Sigma_{1,1}\Sigma_2\Sigma_{3,1,2,1}(21.700)$$

$$+ 12\Sigma_{1,1}\Sigma_2\Sigma_{3,2,1,1} + 12\Sigma_{1,1}\Sigma_2\Sigma_{4,1,1,1} + 12\Sigma_{1,1}\Sigma_{2,1}\Sigma_{2,1,3} + 12\Sigma_{1,1}\Sigma_{2,1}\Sigma_{2,2,2}(25.600)$$

$$+ 12\Sigma_{1,1}\Sigma_{2,1}\Sigma_{2,3,1} - 30\Sigma_{1,1}\Sigma_{2,1}\Sigma_3^2 + 12\Sigma_{1,1}\Sigma_{2,1}\Sigma_{3,1,2} + 12\Sigma_{1,1}\Sigma_{2,1}\Sigma_{3,2,1}(25.000)$$

$$+ 12\Sigma_{1,1}\Sigma_{2,1}\Sigma_{4,1,1} + 12\Sigma_{1,1}\Sigma_{2,1,1}\Sigma_{2,3} + 12\Sigma_{1,1}\Sigma_{2,1,1}\Sigma_{3,2} + 12\Sigma_{1,1}\Sigma_{2,1,1}\Sigma_{4,1}(24.400)$$

$$+ 12\Sigma_{1,1}\Sigma_{2,1,1,1}\Sigma_4 - 3\Sigma_{1,1}\Sigma_{2,1,1,1,1,3} - 3\Sigma_{1,1}\Sigma_{2,1,1,1,2,2} - 3\Sigma_{1,1}\Sigma_{2,1,1,1,3,1} + 12\Sigma_{1,1}\Sigma_{2,1,1,2}\Sigma_3(26.300)$$

$$- 3\Sigma_{1,1}\Sigma_{2,1,1,2,1,2} - 3\Sigma_{1,1}\Sigma_{2,1,1,2,2,1} - 3\Sigma_{1,1}\Sigma_{2,1,1,3,1,1} + 12\Sigma_{1,1}\Sigma_{2,1,2}\Sigma_{2,2} + 12\Sigma_{1,1}\Sigma_{2,1,2}\Sigma_{3,1}(25.100)$$

$$+ 12\Sigma_{1,1}\Sigma_{2,1,2,1}\Sigma_3 - 3\Sigma_{1,1}\Sigma_{2,1,2,1,1,2} - 3\Sigma_{1,1}\Sigma_{2,1,2,1,2,1} - 3\Sigma_{1,1}\Sigma_{2,1,2,2,1,1} - 3\Sigma_{1,1}\Sigma_{2,1,3,1,1,1}(23.900)$$

$$+ 12\Sigma_{1,1}\Sigma_{2,2}\Sigma_{2,2,1} + 12\Sigma_{1,1}\Sigma_{2,2}\Sigma_{3,1,1} + 12\Sigma_{1,1}\Sigma_{2,2,1}\Sigma_{3,1} + 12\Sigma_{1,1}\Sigma_{2,2,1,1}\Sigma_3(25.000)$$

$$- 3\Sigma_{1,1}\Sigma_{2,2,1,1,1,2} - 3\Sigma_{1,1}\Sigma_{2,2,1,1,2,1} - 3\Sigma_{1,1}\Sigma_{2,2,1,2,1,1} - 3\Sigma_{1,1}\Sigma_{2,2,2,1,1,1} - 3\Sigma_{1,1}\Sigma_{2,3,1,1,1,1}(21.500)$$

$$+ 12\Sigma_{1,1}\Sigma_3\Sigma_{3,1,1,1} + 12\Sigma_{1,1}\Sigma_{3,1}\Sigma_{3,1,1} - 3\Sigma_{1,1}\Sigma_{3,1,1,1,1,2} - 3\Sigma_{1,1}\Sigma_{3,1,1,1,2,1}(21.400)$$

$$- 3\Sigma_{1,1}\Sigma_{3,1,1,2,1,1} - 3\Sigma_{1,1}\Sigma_{3,1,2,1,1,1} - 3\Sigma_{1,1}\Sigma_{3,2,1,1,1,1} - 3\Sigma_{1,1}\Sigma_{4,1,1,1,1,1} + 6\Sigma_{1,1,1}^2\Sigma_5(22.100)$$

$$- 3\Sigma_{1,1,1}\Sigma_{1,1,1,1,4} - 3\Sigma_{1,1,1}\Sigma_{1,1,1,2,3} - 3\Sigma_{1,1,1}\Sigma_{1,1,1,3,2} - 3\Sigma_{1,1,1}\Sigma_{1,1,1,4,1} + 12\Sigma_{1,1,1}\Sigma_{1,1,2}\Sigma_4(23.900)$$

$$- 3\Sigma_{1,1,1}\Sigma_{1,1,2,1,3} - 3\Sigma_{1,1,1}\Sigma_{1,1,2,2,2} - 3\Sigma_{1,1,1}\Sigma_{1,1,2,3,1} + 12\Sigma_{1,1,1}\Sigma_{1,1,3}\Sigma_3 - 3\Sigma_{1,1,1}\Sigma_{1,1,3,1,2}(23.900)$$

$$- 3\Sigma_{1,1,1}\Sigma_{1,1,3,2,1} + 12\Sigma_{1,1,1}\Sigma_{1,1,4}\Sigma_2 - 3\Sigma_{1,1,1}\Sigma_{1,1,4,1,1} + 12\Sigma_{1,1,1}\Sigma_{1,2}\Sigma_{1,4}(21.400)$$

$$+ 12\Sigma_{1,1,1}\Sigma_{1,2}\Sigma_{2,3} + 12\Sigma_{1,1,1}\Sigma_{1,2}\Sigma_{3,2} + 12\Sigma_{1,1,1}\Sigma_{1,2}\Sigma_{4,1} + 12\Sigma_{1,1,1}\Sigma_{1,2,1}\Sigma_4(25.000)$$

$$- 3\Sigma_{1,1,1}\Sigma_{1,2,1,1,3} - 3\Sigma_{1,1,1}\Sigma_{1,2,1,2,2} - 3\Sigma_{1,1,1}\Sigma_{1,2,1,3,1} + 12\Sigma_{1,1,1}\Sigma_{1,2,2}\Sigma_3 - 3\Sigma_{1,1,1}\Sigma_{1,2,2,1,2}(23.900)$$

$$- 3\Sigma_{1,1,1}\Sigma_{1,2,2,2,1} + 12\Sigma_{1,1,1}\Sigma_{1,2,3}\Sigma_2 - 3\Sigma_{1,1,1}\Sigma_{1,2,3,1,1} + 6\Sigma_{1,1,1}\Sigma_{1,3}^2 + 12\Sigma_{1,1,1}\Sigma_{1,3}\Sigma_{2,2}(25.700)$$

$$+ 12\Sigma_{1,1,1}\Sigma_{1,3}\Sigma_{3,1} + 12\Sigma_{1,1,1}\Sigma_{1,3,1}\Sigma_3 - 3\Sigma_{1,1,1}\Sigma_{1,3,1,1,2} - 3\Sigma_{1,1,1}\Sigma_{1,3,1,2,1}(21.400)$$

$$+ 12\Sigma_{1,1,1}\Sigma_{1,3,2}\Sigma_2 - 3\Sigma_{1,1,1}\Sigma_{1,3,2,1,1} + 12\Sigma_{1,1,1}\Sigma_{1,4}\Sigma_{2,1} + 12\Sigma_{1,1,1}\Sigma_{1,4,1}\Sigma_2(23.800)$$

$$- 3\Sigma_{1,1,1}\Sigma_{1,4,1,1,1} - 30\Sigma_{1,1,1}\Sigma_2^2\Sigma_4 + 12\Sigma_{1,1,1}\Sigma_2\Sigma_{2,1,3} + 12\Sigma_{1,1,1}\Sigma_2\Sigma_{2,2,2}(25.000)$$

$$+ 12\Sigma_{1,1,1}\Sigma_2\Sigma_{2,3,1} - 30\Sigma_{1,1,1}\Sigma_2\Sigma_3^2 + 12\Sigma_{1,1,1}\Sigma_2\Sigma_{3,1,2}(20.700)$$

$$+ 12\Sigma_{1,1,1}\Sigma_2\Sigma_{3,2,1} + 12\Sigma_{1,1,1}\Sigma_2\Sigma_{4,1,1} + 12\Sigma_{1,1,1}\Sigma_{2,1}\Sigma_{2,3} + 12\Sigma_{1,1,1}\Sigma_{2,1}\Sigma_{3,2}(25.600)$$

$$+ 12\Sigma_{1,1,1}\Sigma_{2,1}\Sigma_{4,1} + 12\Sigma_{1,1,1}\Sigma_{2,1,1}\Sigma_4 - 3\Sigma_{1,1,1}\Sigma_{2,1,1,1,3} - 3\Sigma_{1,1,1}\Sigma_{2,1,1,2,2}(21.400)$$

$$- 3\Sigma_{1,1,1}\Sigma_{2,1,1,3,1} + 12\Sigma_{1,1,1}\Sigma_{2,1,2}\Sigma_3 - 3\Sigma_{1,1,1}\Sigma_{2,1,2,1,2} - 3\Sigma_{1,1,1}\Sigma_{2,1,2,2,1} - 3\Sigma_{1,1,1}\Sigma_{2,1,3,1,1}(23.900)$$

$$+ 6\Sigma_{1,1,1}\Sigma_{2,2}^2 + 12\Sigma_{1,1,1}\Sigma_{2,2}\Sigma_{3,1} + 12\Sigma_{1,1,1}\Sigma_{2,2,1}\Sigma_3 - 3\Sigma_{1,1,1}\Sigma_{2,2,1,1,2}(21.400)$$

$$- 3\Sigma_{1,1,1}\Sigma_{2,2,1,2,1} - 3\Sigma_{1,1,1}\Sigma_{2,2,2,1,1} - 3\Sigma_{1,1,1}\Sigma_{2,3,1,1,1} + 12\Sigma_{1,1,1}\Sigma_3\Sigma_{3,1,1} + 6\Sigma_{1,1,1}\Sigma_{3,1}^2(23.900)$$

$$- 3\Sigma_{1,1,1}\Sigma_{3,1,1,1,2} - 3\Sigma_{1,1,1}\Sigma_{3,1,1,2,1} - 3\Sigma_{1,1,1}\Sigma_{3,1,2,1,1} - 3\Sigma_{1,1,1}\Sigma_{3,2,1,1,1} - 3\Sigma_{1,1,1}\Sigma_{4,1,1,1,1}(21.500)$$

$$- 3\Sigma_{1,1,1,1}\Sigma_{1,1,1,4} - 3\Sigma_{1,1,1,1}\Sigma_{1,1,2,3} - 3\Sigma_{1,1,1,1}\Sigma_{1,1,3,2} - 3\Sigma_{1,1,1,1}\Sigma_{1,1,4,1} + 12\Sigma_{1,1,1,1}\Sigma_{1,2}\Sigma_4(23.900)$$

$$- 3\Sigma_{1,1,1,1}\Sigma_{1,2,1,3} - 3\Sigma_{1,1,1,1}\Sigma_{1,2,2,2} - 3\Sigma_{1,1,1,1}\Sigma_{1,2,3,1} + 12\Sigma_{1,1,1,1}\Sigma_{1,3}\Sigma_3 - 3\Sigma_{1,1,1,1}\Sigma_{1,3,1,2}(23.900)$$

$$- 3\Sigma_{1,1,1,1}\Sigma_{1,3,2,1} + 12\Sigma_{1,1,1,1}\Sigma_{1,4}\Sigma_2 - 3\Sigma_{1,1,1,1}\Sigma_{1,4,1,1} + 12\Sigma_{1,1,1,1}\Sigma_2\Sigma_{2,3}(22.000)$$

$$+ 12\Sigma_{1,1,1,1}\Sigma_2\Sigma_{3,2} + 12\Sigma_{1,1,1,1}\Sigma_2\Sigma_{4,1} + 12\Sigma_{1,1,1,1}\Sigma_{2,1}\Sigma_4(20.100)$$

$$- 3\Sigma_{1,1,1,1}\Sigma_{2,1,1,3} - 3\Sigma_{1,1,1,1}\Sigma_{2,1,2,2} - 3\Sigma_{1,1,1,1}\Sigma_{2,1,3,1} + 12\Sigma_{1,1,1,1}\Sigma_{2,2}\Sigma_3 - 3\Sigma_{1,1,1,1}\Sigma_{2,2,1,2}(23.900)$$

$$- 3\Sigma_{1,1,1,1}\Sigma_{2,2,2,1} - 3\Sigma_{1,1,1,1}\Sigma_{2,3,1,1} + 12\Sigma_{1,1,1,1}\Sigma_3\Sigma_{3,1} - 3\Sigma_{1,1,1,1}\Sigma_{3,1,1,2} - 3\Sigma_{1,1,1,1}\Sigma_{3,1,2,1}(23.900)$$

$$- 3\Sigma_{1,1,1,1}\Sigma_{3,2,1,1} - 3\Sigma_{1,1,1,1}\Sigma_{4,1,1,1} - 3\Sigma_{1,1,1,1,1}\Sigma_{1,1,4} - 3\Sigma_{1,1,1,1,1}\Sigma_{1,2,3} - 3\Sigma_{1,1,1,1,1}\Sigma_{1,3,2}(21.500)$$

$$- 3\Sigma_{1,1,1,1,1}\Sigma_{1,4,1} + 12\Sigma_{1,1,1,1,1}\Sigma_2\Sigma_4 - 3\Sigma_{1,1,1,1,1}\Sigma_{2,1,3} - 3\Sigma_{1,1,1,1,1}\Sigma_{2,2,2}(20.200)$$

$$- 3\Sigma_{1,1,1,1,1}\Sigma_{2,3,1} + 6\Sigma_{1,1,1,1,1}\Sigma_3^2 - 3\Sigma_{1,1,1,1,1}\Sigma_{3,1,2} - 3\Sigma_{1,1,1,1,1}\Sigma_{3,2,1} - 3\Sigma_{1,1,1,1,1}\Sigma_{4,1,1}(22.100)$$

$$- 3\Sigma_{1,1,1,1,1,1}\Sigma_{1,4} - 3\Sigma_{1,1,1,1,1,1}\Sigma_{2,3} - 3\Sigma_{1,1,1,1,1,1}\Sigma_{3,2} - 3\Sigma_{1,1,1,1,1,1}\Sigma_{4,1} - 3\Sigma_{1,1,1,1,1,1,1}\Sigma_4(22.100)$$

$$+ \Sigma_{1,1,1,1,1,1,1,1,3} + \Sigma_{1,1,1,1,1,1,1,2,2} + \Sigma_{1,1,1,1,1,1,1,3,1} - 3\Sigma_{1,1,1,1,1,1,1,2}\Sigma_3 + \Sigma_{1,1,1,1,1,1,2,1,2} + \Sigma_{1,1,1,1,1,1,2,2,1} - 3\Sigma_{1,1,1,1,1,1,3}\Sigma_2(22.300)$$

$$+ \Sigma_{1,1,1,1,1,1,3,1,1} - 3\Sigma_{1,1,1,1,1,2}\Sigma_{1,3} - 3\Sigma_{1,1,1,1,1,2}\Sigma_{2,2} - 3\Sigma_{1,1,1,1,1,2}\Sigma_{3,1} - 3\Sigma_{1,1,1,1,1,2,1}\Sigma_3(20.300)$$

$$+ \Sigma_{1,1,1,1,1,2,1,1,2} + \Sigma_{1,1,1,1,1,2,1,2,1} - 3\Sigma_{1,1,1,1,1,2,2}\Sigma_2 + \Sigma_{1,1,1,1,1,2,2,1,1} - 3\Sigma_{1,1,1,1,1,3}\Sigma_{1,2} - 3\Sigma_{1,1,1,1,1,3}\Sigma_{2,1}(21.000)$$

$$- 3\Sigma_{1,1,1,1,1,3,1}\Sigma_2 + \Sigma_{1,1,1,1,1,3,1,1,1} - 3\Sigma_{1,1,1,1,2}\Sigma_{1,1,3} - 3\Sigma_{1,1,1,1,2}\Sigma_{1,2,2} - 3\Sigma_{1,1,1,1,2}\Sigma_{1,3,1}(20.300)$$

$$+ 12\Sigma_{1,1,1,1,2}\Sigma_2\Sigma_3 - 3\Sigma_{1,1,1,1,2}\Sigma_{2,1,2} - 3\Sigma_{1,1,1,1,2}\Sigma_{2,2,1} - 3\Sigma_{1,1,1,1,2}\Sigma_{3,1,1}(20.200)$$

$$- 3\Sigma_{1,1,1,1,2,1}\Sigma_{1,3} - 3\Sigma_{1,1,1,1,2,1}\Sigma_{2,2} - 3\Sigma_{1,1,1,1,2,1}\Sigma_{3,1} - 3\Sigma_{1,1,1,1,2,1,1}\Sigma_3 + \Sigma_{1,1,1,1,2,1,1,1,2}(20.300)$$

$$+ \Sigma_{1,1,1,1,2,1,1,2,1} - 3\Sigma_{1,1,1,1,2,1,2}\Sigma_2 + \Sigma_{1,1,1,1,2,1,2,1,1} - 3\Sigma_{1,1,1,1,2,2}\Sigma_{1,2} - 3\Sigma_{1,1,1,1,2,2}\Sigma_{2,1} - 3\Sigma_{1,1,1,1,2,2,1}\Sigma_2(23.400)$$

$$+ \Sigma_{1,1,1,1,2,2,1,1,1} - 3\Sigma_{1,1,1,1,3}\Sigma_{1,1,2} - 3\Sigma_{1,1,1,1,3}\Sigma_{1,2,1} + 6\Sigma_{1,1,1,1,3}\Sigma_2^2 - 3\Sigma_{1,1,1,1,3}\Sigma_{2,1,1}(20.300)$$

$$- 3\Sigma_{1,1,1,1,3,1}\Sigma_{1,2} - 3\Sigma_{1,1,1,1,3,1}\Sigma_{2,1} - 3\Sigma_{1,1,1,1,3,1,1}\Sigma_2 + \Sigma_{1,1,1,1,3,1,1,1,1} - 3\Sigma_{1,1,1,2}\Sigma_{1,1,1,3}(20.300)$$

$$- 3\Sigma_{1,1,1,2}\Sigma_{1,1,2,2} - 3\Sigma_{1,1,1,2}\Sigma_{1,1,3,1} + 12\Sigma_{1,1,1,2}\Sigma_{1,2}\Sigma_3 - 3\Sigma_{1,1,1,2}\Sigma_{1,2,1,2} - 3\Sigma_{1,1,1,2}\Sigma_{1,2,2,1}(23.900)$$

$$+ 12\Sigma_{1,1,1,2}\Sigma_{1,3}\Sigma_2 - 3\Sigma_{1,1,1,2}\Sigma_{1,3,1,1} + 12\Sigma_{1,1,1,2}\Sigma_2\Sigma_{2,2} + 12\Sigma_{1,1,1,2}\Sigma_2\Sigma_{3,1}(24.400)$$

$$+ 12\Sigma_{1,1,1,2}\Sigma_{2,1}\Sigma_3 - 3\Sigma_{1,1,1,2}\Sigma_{2,1,1,2} - 3\Sigma_{1,1,1,2}\Sigma_{2,1,2,1} - 3\Sigma_{1,1,1,2}\Sigma_{2,2,1,1} - 3\Sigma_{1,1,1,2}\Sigma_{3,1,1,1}(23.900)$$

$$- 3\Sigma_{1,1,1,2,1}\Sigma_{1,1,3} - 3\Sigma_{1,1,1,2,1}\Sigma_{1,2,2} - 3\Sigma_{1,1,1,2,1}\Sigma_{1,3,1} + 12\Sigma_{1,1,1,2,1}\Sigma_2\Sigma_3(20.200)$$

$$- 3\Sigma_{1,1,1,2,1}\Sigma_{2,1,2} - 3\Sigma_{1,1,1,2,1}\Sigma_{2,2,1} - 3\Sigma_{1,1,1,2,1}\Sigma_{3,1,1} - 3\Sigma_{1,1,1,2,1,1}\Sigma_{1,3} - 3\Sigma_{1,1,1,2,1,1}\Sigma_{2,2}(21.500)$$

$$- 3\Sigma_{1,1,1,2,1,1}\Sigma_{3,1} - 3\Sigma_{1,1,1,2,1,1,1}\Sigma_3 + \Sigma_{1,1,1,2,1,1,1,1,2} + \Sigma_{1,1,1,2,1,1,1,2,1} - 3\Sigma_{1,1,1,2,1,1,2}\Sigma_2 + \Sigma_{1,1,1,2,1,1,2,1,1}(21.600)$$

$$- 3\Sigma_{1,1,1,2,1,2}\Sigma_{1,2} - 3\Sigma_{1,1,1,2,1,2}\Sigma_{2,1} - 3\Sigma_{1,1,1,2,1,2,1}\Sigma_2 + \Sigma_{1,1,1,2,1,2,1,1,1} - 3\Sigma_{1,1,1,2,2}\Sigma_{1,1,2}(20.300)$$

$$- 3\Sigma_{1,1,1,2,2}\Sigma_{1,2,1} + 6\Sigma_{1,1,1,2,2}\Sigma_2^2 - 3\Sigma_{1,1,1,2,2}\Sigma_{2,1,1} - 3\Sigma_{1,1,1,2,2,1}\Sigma_{1,2} - 3\Sigma_{1,1,1,2,2,1}\Sigma_{2,1}(22.100)$$

$$- 3\Sigma_{1,1,1,2,2,1,1}\Sigma_2 + \Sigma_{1,1,1,2,2,1,1,1,1} - 3\Sigma_{1,1,1,3}\Sigma_{1,1,2,1} + 12\Sigma_{1,1,1,3}\Sigma_{1,2}\Sigma_2 - 3\Sigma_{1,1,1,3}\Sigma_{1,2,1,1}(22.700)$$

$$+ 12\Sigma_{1,1,1,3}\Sigma_2\Sigma_{2,1} - 3\Sigma_{1,1,1,3}\Sigma_{2,1,1,1} - 3\Sigma_{1,1,1,3,1}\Sigma_{1,1,2} - 3\Sigma_{1,1,1,3,1}\Sigma_{1,2,1} + 6\Sigma_{1,1,1,3,1}\Sigma_2^2(24.500)$$

$$- 3\Sigma_{1,1,1,3,1}\Sigma_{2,1,1} - 3\Sigma_{1,1,1,3,1,1}\Sigma_{1,2} - 3\Sigma_{1,1,1,3,1,1}\Sigma_{2,1} - 3\Sigma_{1,1,1,3,1,1,1}\Sigma_2 + \Sigma_{1,1,1,3,1,1,1,1,1}(20.300)$$

$$+ 6\Sigma_{1,1,2}^2\Sigma_3 - 3\Sigma_{1,1,2}\Sigma_{1,1,2,1,2} - 3\Sigma_{1,1,2}\Sigma_{1,1,2,2,1} + 12\Sigma_{1,1,2}\Sigma_{1,1,3}\Sigma_2(20.200)$$

$$- 3\Sigma_{1,1,2}\Sigma_{1,1,3,1,1} + 12\Sigma_{1,1,2}\Sigma_{1,2}\Sigma_{1,3} + 12\Sigma_{1,1,2}\Sigma_{1,2}\Sigma_{2,2} + 12\Sigma_{1,1,2}\Sigma_{1,2}\Sigma_{3,1}(22.600)$$

$$+ 12\Sigma_{1,1,2}\Sigma_{1,2,1}\Sigma_3 - 3\Sigma_{1,1,2}\Sigma_{1,2,1,1,2} - 3\Sigma_{1,1,2}\Sigma_{1,2,1,2,1} + 12\Sigma_{1,1,2}\Sigma_{1,2,2}\Sigma_2(22.000)$$

$$- 3\Sigma_{1,1,2}\Sigma_{1,2,2,1,1} + 12\Sigma_{1,1,2}\Sigma_{1,3}\Sigma_{2,1} + 12\Sigma_{1,1,2}\Sigma_{1,3,1}\Sigma_2 - 3\Sigma_{1,1,2}\Sigma_{1,3,1,1,1}(21.400)$$

$$- 30\Sigma_{1,1,2}\Sigma_2^2\Sigma_3 + 12\Sigma_{1,1,2}\Sigma_2\Sigma_{2,1,2} + 12\Sigma_{1,1,2}\Sigma_2\Sigma_{2,2,1}(20.700)$$

$$+ 12\Sigma_{1,1,2}\Sigma_2\Sigma_{3,1,1} + 12\Sigma_{1,1,2}\Sigma_{2,1}\Sigma_{2,2} + 12\Sigma_{1,1,2}\Sigma_{2,1}\Sigma_{3,1} + 12\Sigma_{1,1,2}\Sigma_{2,1,1}\Sigma_3(25.600)$$

$$- 3\Sigma_{1,1,2}\Sigma_{2,1,1,1,2} - 3\Sigma_{1,1,2}\Sigma_{2,1,1,2,1} - 3\Sigma_{1,1,2}\Sigma_{2,1,2,1,1} - 3\Sigma_{1,1,2}\Sigma_{2,2,1,1,1} - 3\Sigma_{1,1,2}\Sigma_{3,1,1,1,1}(21.500)$$

$$- 3\Sigma_{1,1,2,1}\Sigma_{1,1,2,2} - 3\Sigma_{1,1,2,1}\Sigma_{1,1,3,1} + 12\Sigma_{1,1,2,1}\Sigma_{1,2}\Sigma_3 - 3\Sigma_{1,1,2,1}\Sigma_{1,2,1,2} - 3\Sigma_{1,1,2,1}\Sigma_{1,2,2,1}(23.900)$$

$$+ 12\Sigma_{1,1,2,1}\Sigma_{1,3}\Sigma_2 - 3\Sigma_{1,1,2,1}\Sigma_{1,3,1,1} + 12\Sigma_{1,1,2,1}\Sigma_2\Sigma_{2,2} + 12\Sigma_{1,1,2,1}\Sigma_2\Sigma_{3,1}(24.400)$$

$$+ 12\Sigma_{1,1,2,1}\Sigma_{2,1}\Sigma_3 - 3\Sigma_{1,1,2,1}\Sigma_{2,1,1,2} - 3\Sigma_{1,1,2,1}\Sigma_{2,1,2,1} - 3\Sigma_{1,1,2,1}\Sigma_{2,2,1,1} - 3\Sigma_{1,1,2,1}\Sigma_{3,1,1,1}(23.900)$$

$$- 3\Sigma_{1,1,2,1,1}\Sigma_{1,1,3} - 3\Sigma_{1,1,2,1,1}\Sigma_{1,2,2} - 3\Sigma_{1,1,2,1,1}\Sigma_{1,3,1} + 12\Sigma_{1,1,2,1,1}\Sigma_2\Sigma_3(20.200)$$

$$- 3\Sigma_{1,1,2,1,1}\Sigma_{2,1,2} - 3\Sigma_{1,1,2,1,1}\Sigma_{2,2,1} - 3\Sigma_{1,1,2,1,1}\Sigma_{3,1,1} - 3\Sigma_{1,1,2,1,1,1}\Sigma_{1,3} - 3\Sigma_{1,1,2,1,1,1}\Sigma_{2,2}(21.500)$$

$$- 3\Sigma_{1,1,2,1,1,1}\Sigma_{3,1} - 3\Sigma_{1,1,2,1,1,1,1}\Sigma_3 + \Sigma_{1,1,2,1,1,1,1,1,2} + \Sigma_{1,1,2,1,1,1,1,2,1} - 3\Sigma_{1,1,2,1,1,1,2}\Sigma_2 + \Sigma_{1,1,2,1,1,1,1,2,1,1}(21.600)$$

$$- 3\Sigma_{1,1,2,1,1,2}\Sigma_{1,2} - 3\Sigma_{1,1,2,1,1,2}\Sigma_{2,1} - 3\Sigma_{1,1,2,1,1,2,1}\Sigma_2 + \Sigma_{1,1,2,1,1,2,1,1,1} - 3\Sigma_{1,1,2,1,2}\Sigma_{1,2,1}(20.300)$$

$$+ 6\Sigma_{1,1,2,1,2}\Sigma_2^2 - 3\Sigma_{1,1,2,1,2}\Sigma_{2,1,1} - 3\Sigma_{1,1,2,1,2,1}\Sigma_{1,2} - 3\Sigma_{1,1,2,1,2,1}\Sigma_{2,1} - 3\Sigma_{1,1,2,1,2,1,1}\Sigma_2(22.700)$$

$$+ \Sigma_{1,1,2,1,2,1,1,1,1} + 12\Sigma_{1,1,2,2}\Sigma_{1,2}\Sigma_2 - 3\Sigma_{1,1,2,2}\Sigma_{1,2,1,1} + 12\Sigma_{1,1,2,2}\Sigma_2\Sigma_{2,1}(20.200)$$

$$- 3\Sigma_{1,1,2,2}\Sigma_{2,1,1,1} - 3\Sigma_{1,1,2,2,1}\Sigma_{1,2,1} + 6\Sigma_{1,1,2,2,1}\Sigma_2^2 - 3\Sigma_{1,1,2,2,1}\Sigma_{2,1,1} - 3\Sigma_{1,1,2,2,1,1}\Sigma_{1,2}(22.100)$$

$$- 3\Sigma_{1,1,2,2,1,1}\Sigma_{2,1} - 3\Sigma_{1,1,2,2,1,1,1}\Sigma_2 + \Sigma_{1,1,2,2,1,1,1,1,1} + 6\Sigma_{1,1,3}\Sigma_{1,2}^2 + 12\Sigma_{1,1,3}\Sigma_{1,2}\Sigma_{2,1}(22.100)$$

$$+ 12\Sigma_{1,1,3}\Sigma_{1,2,1}\Sigma_2 - 3\Sigma_{1,1,3}\Sigma_{1,2,1,1,1} - 10\Sigma_{1,1,3}\Sigma_2^3 + 12\Sigma_{1,1,3}\Sigma_2\Sigma_{2,1,1}(23.400)$$

$$+ 6\Sigma_{1,1,3}\Sigma_{2,1}^2 - 3\Sigma_{1,1,3}\Sigma_{2,1,1,1,1} + 12\Sigma_{1,1,3,1}\Sigma_{1,2}\Sigma_2 - 3\Sigma_{1,1,3,1}\Sigma_{1,2,1,1} + 12\Sigma_{1,1,3,1}\Sigma_2\Sigma_{2,1}(26.300)$$

$$- 3\Sigma_{1,1,3,1}\Sigma_{2,1,1,1} - 3\Sigma_{1,1,3,1,1}\Sigma_{1,2,1} + 6\Sigma_{1,1,3,1,1}\Sigma_2^2 - 3\Sigma_{1,1,3,1,1}\Sigma_{2,1,1} - 3\Sigma_{1,1,3,1,1,1}\Sigma_{1,2}(22.100)$$

$$- 3\Sigma_{1,1,3,1,1,1}\Sigma_{2,1} - 3\Sigma_{1,1,3,1,1,1,1}\Sigma_2 + \Sigma_{1,1,3,1,1,1,1,1,1} + 6\Sigma_{1,2}^2\Sigma_{1,2,2} + 6\Sigma_{1,2}^2\Sigma_{1,3,1}(20.300)$$

$$- 30\Sigma_{1,2}^2\Sigma_2\Sigma_3 + 6\Sigma_{1,2}^2\Sigma_{2,1,2} + 6\Sigma_{1,2}^2\Sigma_{2,2,1} + 6\Sigma_{1,2}^2\Sigma_{3,1,1}(20.200)$$

$$+ 12\Sigma_{1,2}\Sigma_{1,2,1}\Sigma_{1,3} + 12\Sigma_{1,2}\Sigma_{1,2,1}\Sigma_{2,2} + 12\Sigma_{1,2}\Sigma_{1,2,1}\Sigma_{3,1} + 12\Sigma_{1,2}\Sigma_{1,2,1,1}\Sigma_3(25.000)$$

$$- 3\Sigma_{1,2}\Sigma_{1,2,1,1,1,2} - 3\Sigma_{1,2}\Sigma_{1,2,1,1,2,1} + 12\Sigma_{1,2}\Sigma_{1,2,1,2}\Sigma_2 - 3\Sigma_{1,2}\Sigma_{1,2,1,2,1,1} + 12\Sigma_{1,2}\Sigma_{1,2,2}\Sigma_{2,1}(25.700)$$

$$+ 12\Sigma_{1,2}\Sigma_{1,2,2,1}\Sigma_2 - 3\Sigma_{1,2}\Sigma_{1,2,2,1,1,1} - 30\Sigma_{1,2}\Sigma_{1,3}\Sigma_2^2 + 12\Sigma_{1,2}\Sigma_{1,3}\Sigma_{2,1,1}(23.800)$$

$$+ 12\Sigma_{1,2}\Sigma_{1,3,1}\Sigma_{2,1} + 12\Sigma_{1,2}\Sigma_{1,3,1,1}\Sigma_2 - 3\Sigma_{1,2}\Sigma_{1,3,1,1,1,1} - 30\Sigma_{1,2}\Sigma_2^2\Sigma_{2,2}(23.800)$$

$$- 30\Sigma_{1,2}\Sigma_2^2\Sigma_{3,1} - 60\Sigma_{1,2}\Sigma_2\Sigma_{2,1}\Sigma_3 + 12\Sigma_{1,2}\Sigma_2\Sigma_{2,1,1,2}(21.700)$$

$$+ 12\Sigma_{1,2}\Sigma_2\Sigma_{2,1,2,1} + 12\Sigma_{1,2}\Sigma_2\Sigma_{2,2,1,1} + 12\Sigma_{1,2}\Sigma_2\Sigma_{3,1,1,1}(20.100)$$

$$+ 12\Sigma_{1,2}\Sigma_{2,1}\Sigma_{2,1,2} + 12\Sigma_{1,2}\Sigma_{2,1}\Sigma_{2,2,1} + 12\Sigma_{1,2}\Sigma_{2,1}\Sigma_{3,1,1} + 12\Sigma_{1,2}\Sigma_{2,1,1}\Sigma_{2,2}(24.400)$$

$$+ 12\Sigma_{1,2}\Sigma_{2,1,1}\Sigma_{3,1} + 12\Sigma_{1,2}\Sigma_{2,1,1,1}\Sigma_3 - 3\Sigma_{1,2}\Sigma_{2,1,1,1,1,2} - 3\Sigma_{1,2}\Sigma_{2,1,1,1,2,1}(21.400)$$

$$- 3\Sigma_{1,2}\Sigma_{2,1,1,2,1,1} - 3\Sigma_{1,2}\Sigma_{2,1,2,1,1,1} - 3\Sigma_{1,2}\Sigma_{2,2,1,1,1,1} - 3\Sigma_{1,2}\Sigma_{3,1,1,1,1,1} + 6\Sigma_{1,2,1}^2\Sigma_3(22.100)$$

$$- 3\Sigma_{1,2,1}\Sigma_{1,2,1,1,2} - 3\Sigma_{1,2,1}\Sigma_{1,2,1,2,1} + 12\Sigma_{1,2,1}\Sigma_{1,2,2}\Sigma_2 - 3\Sigma_{1,2,1}\Sigma_{1,2,2,1,1} + 12\Sigma_{1,2,1}\Sigma_{1,3}\Sigma_{2,1}(25.700)$$

$$+ 12\Sigma_{1,2,1}\Sigma_{1,3,1}\Sigma_2 - 3\Sigma_{1,2,1}\Sigma_{1,3,1,1,1} - 30\Sigma_{1,2,1}\Sigma_2^2\Sigma_3 + 12\Sigma_{1,2,1}\Sigma_2\Sigma_{2,1,2}(25.000)$$

$$+ 12\Sigma_{1,2,1}\Sigma_2\Sigma_{2,2,1} + 12\Sigma_{1,2,1}\Sigma_2\Sigma_{3,1,1} + 12\Sigma_{1,2,1}\Sigma_{2,1}\Sigma_{2,2} + 12\Sigma_{1,2,1}\Sigma_{2,1}\Sigma_{3,1}(25.600)$$

$$+ 12\Sigma_{1,2,1}\Sigma_{2,1,1}\Sigma_3 - 3\Sigma_{1,2,1}\Sigma_{2,1,1,1,2} - 3\Sigma_{1,2,1}\Sigma_{2,1,1,2,1} - 3\Sigma_{1,2,1}\Sigma_{2,1,2,1,1} - 3\Sigma_{1,2,1}\Sigma_{2,2,1,1,1}(23.900)$$

$$- 3\Sigma_{1,2,1}\Sigma_{3,1,1,1,1} - 3\Sigma_{1,2,1,1}\Sigma_{1,2,1,2} - 3\Sigma_{1,2,1,1}\Sigma_{1,2,2,1} + 12\Sigma_{1,2,1,1}\Sigma_{1,3}\Sigma_2 - 3\Sigma_{1,2,1,1}\Sigma_{1,3,1,1}(23.900)$$

$$+ 12\Sigma_{1,2,1,1}\Sigma_2\Sigma_{2,2} + 12\Sigma_{1,2,1,1}\Sigma_2\Sigma_{3,1} + 12\Sigma_{1,2,1,1}\Sigma_{2,1}\Sigma_3 \,(20.100)$$

$$- 3\Sigma_{1,2,1,1}\Sigma_{2,1,1,2} - 3\Sigma_{1,2,1,1}\Sigma_{2,1,2,1} - 3\Sigma_{1,2,1,1}\Sigma_{2,2,1,1} - 3\Sigma_{1,2,1,1}\Sigma_{3,1,1,1} - 3\Sigma_{1,2,1,1,1}\Sigma_{1,2,2} \,(21.500)$$

$$- 3\Sigma_{1,2,1,1,1}\Sigma_{1,3,1} + 12\Sigma_{1,2,1,1,1}\Sigma_2\Sigma_3 - 3\Sigma_{1,2,1,1,1}\Sigma_{2,1,2} - 3\Sigma_{1,2,1,1,1}\Sigma_{2,2,1} \,(20.200)$$

$$- 3\Sigma_{1,2,1,1,1}\Sigma_{3,1,1} - 3\Sigma_{1,2,1,1,1,1}\Sigma_{1,3} - 3\Sigma_{1,2,1,1,1,1}\Sigma_{2,2} - 3\Sigma_{1,2,1,1,1,1}\Sigma_{3,1} - 3\Sigma_{1,2,1,1,1,1,1}\Sigma_3 \,(22.100)$$

$$+ \Sigma_{1,2,1,1,1,1,1,1,2} + \Sigma_{1,2,1,1,1,1,1,2,1} - 3\Sigma_{1,2,1,1,1,1,2}\Sigma_2 + \Sigma_{1,2,1,1,1,1,2,1,1} - 3\Sigma_{1,2,1,1,1,2}\Sigma_{2,1} - 3\Sigma_{1,2,1,1,1,2,1}\Sigma_2 \,(21.600)$$

$$+ \Sigma_{1,2,1,1,1,2,1,1,1} + 6\Sigma_{1,2,1,1,2}\Sigma_2^2 - 3\Sigma_{1,2,1,1,2}\Sigma_{2,1,1} - 3\Sigma_{1,2,1,1,2,1}\Sigma_{2,1} - 3\Sigma_{1,2,1,1,2,1,1}\Sigma_2 \,(20.900)$$

$$+ \Sigma_{1,2,1,1,2,1,1,1,1} + 12\Sigma_{1,2,1,2}\Sigma_2\Sigma_{2,1} - 3\Sigma_{1,2,1,2}\Sigma_{2,1,1,1} + 6\Sigma_{1,2,1,2,1}\Sigma_2^2 - 3\Sigma_{1,2,1,2,1}\Sigma_{2,1,1} \,(22.700)$$

$$- 3\Sigma_{1,2,1,2,1,1}\Sigma_{2,1} - 3\Sigma_{1,2,1,2,1,1,1}\Sigma_2 + \Sigma_{1,2,1,2,1,1,1,1,1} - 10\Sigma_{1,2,2}\Sigma_2^3 + 12\Sigma_{1,2,2}\Sigma_2\Sigma_{2,1,1} \,(24.100)$$

$$+ 6\Sigma_{1,2,2}\Sigma_{2,1}^2 - 3\Sigma_{1,2,2}\Sigma_{2,1,1,1,1} + 12\Sigma_{1,2,2,1}\Sigma_2\Sigma_{2,1} - 3\Sigma_{1,2,2,1}\Sigma_{2,1,1,1} + 6\Sigma_{1,2,2,1,1}\Sigma_2^2 \,(24.500)$$

$$- 3\Sigma_{1,2,2,1,1}\Sigma_{2,1,1} - 3\Sigma_{1,2,2,1,1,1}\Sigma_{2,1} - 3\Sigma_{1,2,2,1,1,1,1,1}\Sigma_2 + \Sigma_{1,2,2,1,1,1,1,1,1} - 30\Sigma_{1,3}\Sigma_2^2\Sigma_{2,1} \,(22.700)$$

$$+ 12\Sigma_{1,3}\Sigma_2\Sigma_{2,1,1,1} + 12\Sigma_{1,3}\Sigma_{2,1}\Sigma_{2,1,1} - 3\Sigma_{1,3}\Sigma_{2,1,1,1,1,1} - 10\Sigma_{1,3,1}\Sigma_2^3 \,(22.800)$$

$$+ 12\Sigma_{1,3,1}\Sigma_2\Sigma_{2,1,1} + 6\Sigma_{1,3,1}\Sigma_{2,1}^2 - 3\Sigma_{1,3,1}\Sigma_{2,1,1,1,1} + 12\Sigma_{1,3,1,1}\Sigma_2\Sigma_{2,1} \,(22.000)$$

$$- 3\Sigma_{1,3,1,1}\Sigma_{2,1,1,1} + 6\Sigma_{1,3,1,1,1}\Sigma_2^2 - 3\Sigma_{1,3,1,1,1}\Sigma_{2,1,1} - 3\Sigma_{1,3,1,1,1,1}\Sigma_{2,1} - 3\Sigma_{1,3,1,1,1,1,1}\Sigma_2 \,(22.700)$$

$$+ \Sigma_{1,3,1,1,1,1,1,1,1} + 15\Sigma_2^4\Sigma_3 - 10\Sigma_2^3\Sigma_{2,1,2} - 10\Sigma_2^3\Sigma_{2,2,1} \,(20.200)$$

$$- 10\Sigma_2^3\Sigma_{3,1,1} - 30\Sigma_2^2\Sigma_{2,1}\Sigma_{2,2} - 30\Sigma_2^2\Sigma_{2,1}\Sigma_{3,1} - 30\Sigma_2^2\Sigma_{2,1,1}\Sigma_3 \,(26.400)$$

$$+ 6\Sigma_2^2\Sigma_{2,1,1,1,2} + 6\Sigma_2^2\Sigma_{2,1,1,2,1} + 6\Sigma_2^2\Sigma_{2,1,2,1,1} + 6\Sigma_2^2\Sigma_{2,2,1,1,1} + 6\Sigma_2^2\Sigma_{3,1,1,1,1} \,(24.500)$$

$$- 30\Sigma_2\Sigma_{2,1}^2\Sigma_3 + 12\Sigma_2\Sigma_{2,1}\Sigma_{2,1,1,2} + 12\Sigma_2\Sigma_{2,1}\Sigma_{2,1,2,1} \,(20.700)$$

$$+ 12\Sigma_2\Sigma_{2,1}\Sigma_{2,2,1,1} + 12\Sigma_2\Sigma_{2,1}\Sigma_{3,1,1,1} + 12\Sigma_2\Sigma_{2,1,1}\Sigma_{2,1,2} \,(20.100)$$

$$+ 12\Sigma_2\Sigma_{2,1,1}\Sigma_{2,2,1} + 12\Sigma_2\Sigma_{2,1,1}\Sigma_{3,1,1} + 12\Sigma_2\Sigma_{2,1,1,1}\Sigma_{2,2} \,(20.100)$$

$$+ 12\Sigma_2\Sigma_{2,1,1,1}\Sigma_{3,1} + 12\Sigma_2\Sigma_{2,1,1,1,1}\Sigma_3 - 3\Sigma_2\Sigma_{2,1,1,1,1,1,2} - 3\Sigma_2\Sigma_{2,1,1,1,1,2,1} \,(23.800)$$

$$- 3\Sigma_2\Sigma_{2,1,1,1,2,1,1} - 3\Sigma_2\Sigma_{2,1,1,2,1,1,1} - 3\Sigma_2\Sigma_{2,1,2,1,1,1,1} - 3\Sigma_2\Sigma_{2,2,1,1,1,1,1} - 3\Sigma_2\Sigma_{3,1,1,1,1,1,1} \,(24.500)$$

$$+ 6\Sigma_{2,1}^2\Sigma_{2,1,2} + 6\Sigma_{2,1}^2\Sigma_{2,2,1} + 6\Sigma_{2,1}^2\Sigma_{3,1,1} + 12\Sigma_{2,1}\Sigma_{2,1,1}\Sigma_{2,2} + 12\Sigma_{2,1}\Sigma_{2,1,1}\Sigma_{3,1} \,(25.100)$$

$$+ 12\Sigma_{2,1}\Sigma_{2,1,1,1}\Sigma_3 - 3\Sigma_{2,1}\Sigma_{2,1,1,1,1,2} - 3\Sigma_{2,1}\Sigma_{2,1,1,1,2,1} - 3\Sigma_{2,1}\Sigma_{2,1,1,2,1,1} - 3\Sigma_{2,1}\Sigma_{2,1,2,1,1,1} \,(23.900)$$

$$- 3\Sigma_{2,1}\Sigma_{2,2,1,1,1,1} - 3\Sigma_{2,1}\Sigma_{3,1,1,1,1,1} + 6\Sigma_{2,1,1}^2\Sigma_3 - 3\Sigma_{2,1,1}\Sigma_{2,1,1,1,2} - 3\Sigma_{2,1,1}\Sigma_{2,1,1,2,1} \,(22.100)$$

$$- 3\Sigma_{2,1,1}\Sigma_{2,1,2,1,1} - 3\Sigma_{2,1,1}\Sigma_{2,2,1,1,1} - 3\Sigma_{2,1,1}\Sigma_{3,1,1,1,1} - 3\Sigma_{2,1,1,1}\Sigma_{2,1,1,2} - 3\Sigma_{2,1,1,1}\Sigma_{2,1,2,1} \,(21.500)$$

$$- 3\Sigma_{2,1,1,1}\Sigma_{2,2,1,1} - 3\Sigma_{2,1,1,1}\Sigma_{3,1,1,1} - 3\Sigma_{2,1,1,1,1}\Sigma_{2,1,2} - 3\Sigma_{2,1,1,1,1}\Sigma_{2,2,1} - 3\Sigma_{2,1,1,1,1}\Sigma_{3,1,1} \,(21.500)$$

$$- 3\Sigma_{2,1,1,1,1,1}\Sigma_{2,2} - 3\Sigma_{2,1,1,1,1,1}\Sigma_{3,1} - 3\Sigma_{2,1,1,1,1,1,1}\Sigma_3 + \Sigma_{2,1,1,1,1,1,1,1,2} + \Sigma_{2,1,1,1,1,1,1,2,1} + \Sigma_{2,1,1,1,1,1,2,1,1}(21.000)$$

$$+ \Sigma_{2,1,1,1,1,2,1,1,1} + \Sigma_{2,1,1,1,2,1,1,1,1} + \Sigma_{2,1,1,2,1,1,1,1,1} + \Sigma_{2,1,2,1,1,1,1,1,1} + \Sigma_{2,2,1,1,1,1,1,1,1} + \Sigma_{3,1,1,1,1,1,1,1,1})$$

$$+ V_{00}^3(20\Sigma_1^3\Sigma_{1,7} + 20\Sigma_1^3\Sigma_{2,6} + 20\Sigma_1^3\Sigma_{3,5}(21.100)$$

$$+ 20\Sigma_1^3\Sigma_{4,4} + 20\Sigma_1^3\Sigma_{5,3} + 20\Sigma_1^3\Sigma_{6,2} + 20\Sigma_1^3\Sigma_{7,1}(22.800)$$

$$+ 60\Sigma_1^2\Sigma_{1,1}\Sigma_7 - 10\Sigma_1^2\Sigma_{1,1,1,6} - 10\Sigma_1^2\Sigma_{1,1,2,5} - 10\Sigma_1^2\Sigma_{1,1,3,4}(24.400)$$

$$- 10\Sigma_1^2\Sigma_{1,1,4,3} - 10\Sigma_1^2\Sigma_{1,1,5,2} - 10\Sigma_1^2\Sigma_{1,1,6,1} + 60\Sigma_1^2\Sigma_{1,2}\Sigma_6(24.400)$$

$$- 10\Sigma_1^2\Sigma_{1,2,1,5} - 10\Sigma_1^2\Sigma_{1,2,2,4} - 10\Sigma_1^2\Sigma_{1,2,3,3} - 10\Sigma_1^2\Sigma_{1,2,4,2}(22.800)$$

$$- 10\Sigma_1^2\Sigma_{1,2,5,1} + 60\Sigma_1^2\Sigma_{1,3}\Sigma_5 - 10\Sigma_1^2\Sigma_{1,3,1,4} - 10\Sigma_1^2\Sigma_{1,3,2,3}(24.400)$$

$$- 10\Sigma_1^2\Sigma_{1,3,3,2} - 10\Sigma_1^2\Sigma_{1,3,4,1} + 60\Sigma_1^2\Sigma_{1,4}\Sigma_4 - 10\Sigma_1^2\Sigma_{1,4,1,3}(24.400)$$

$$- 10\Sigma_1^2\Sigma_{1,4,2,2} - 10\Sigma_1^2\Sigma_{1,4,3,1} + 60\Sigma_1^2\Sigma_{1,5}\Sigma_3 - 10\Sigma_1^2\Sigma_{1,5,1,2}(24.400)$$

$$- 10\Sigma_1^2\Sigma_{1,5,2,1} + 60\Sigma_1^2\Sigma_{1,6}\Sigma_2 - 10\Sigma_1^2\Sigma_{1,6,1,1} + 60\Sigma_1^2\Sigma_2\Sigma_{2,5}(26.000)$$

$$+ 60\Sigma_1^2\Sigma_2\Sigma_{3,4} + 60\Sigma_1^2\Sigma_2\Sigma_{4,3} + 60\Sigma_1^2\Sigma_2\Sigma_{5,2}(21.900)$$

$$+ 60\Sigma_1^2\Sigma_2\Sigma_{6,1} + 60\Sigma_1^2\Sigma_{2,1}\Sigma_6 - 10\Sigma_1^2\Sigma_{2,1,1,5}(20.300)$$

$$- 10\Sigma_1^2\Sigma_{2,1,2,4} - 10\Sigma_1^2\Sigma_{2,1,3,3} - 10\Sigma_1^2\Sigma_{2,1,4,2} - 10\Sigma_1^2\Sigma_{2,1,5,1}(22.800)$$

$$+ 60\Sigma_1^2\Sigma_{2,2}\Sigma_5 - 10\Sigma_1^2\Sigma_{2,2,1,4} - 10\Sigma_1^2\Sigma_{2,2,2,3} - 10\Sigma_1^2\Sigma_{2,2,3,2}(24.400)$$

$$- 10\Sigma_1^2\Sigma_{2,2,4,1} + 60\Sigma_1^2\Sigma_{2,3}\Sigma_4 - 10\Sigma_1^2\Sigma_{2,3,1,3} - 10\Sigma_1^2\Sigma_{2,3,2,2}(24.400)$$

$$- 10\Sigma_1^2\Sigma_{2,3,3,1} + 60\Sigma_1^2\Sigma_{2,4}\Sigma_3 - 10\Sigma_1^2\Sigma_{2,4,1,2} - 10\Sigma_1^2\Sigma_{2,4,2,1}(24.400)$$

$$- 10\Sigma_1^2\Sigma_{2,5,1,1} + 60\Sigma_1^2\Sigma_3\Sigma_{3,3} + 60\Sigma_1^2\Sigma_3\Sigma_{4,2}(20.300)$$

$$+ 60\Sigma_1^2\Sigma_3\Sigma_{5,1} + 60\Sigma_1^2\Sigma_{3,1}\Sigma_5 - 10\Sigma_1^2\Sigma_{3,1,1,4}(20.300)$$

$$- 10\Sigma_1^2\Sigma_{3,1,2,3} - 10\Sigma_1^2\Sigma_{3,1,3,2} - 10\Sigma_1^2\Sigma_{3,1,4,1} + 60\Sigma_1^2\Sigma_{3,2}\Sigma_4(24.400)$$

$$- 10\Sigma_1^2\Sigma_{3,2,1,3} - 10\Sigma_1^2\Sigma_{3,2,2,2} - 10\Sigma_1^2\Sigma_{3,2,3,1} - 10\Sigma_1^2\Sigma_{3,3,1,2}(22.800)$$

$$- 10\Sigma_1^2\Sigma_{3,3,2,1} - 10\Sigma_1^2\Sigma_{3,4,1,1} + 60\Sigma_1^2\Sigma_4\Sigma_{4,1} - 10\Sigma_1^2\Sigma_{4,1,1,3}(24.400)$$

$$- 10\Sigma_1^2\Sigma_{4,1,2,2} - 10\Sigma_1^2\Sigma_{4,1,3,1} - 10\Sigma_1^2\Sigma_{4,2,1,2} - 10\Sigma_1^2\Sigma_{4,2,2,1}(22.800)$$

$$- 10\Sigma_1^2\Sigma_{4,3,1,1} - 10\Sigma_1^2\Sigma_{5,1,1,2} - 10\Sigma_1^2\Sigma_{5,1,2,1} - 10\Sigma_1^2\Sigma_{5,2,1,1}(22.800)$$

$$- 10\Sigma_1^2\Sigma_{6,1,1,1} - 20\Sigma_1\Sigma_{1,1}\Sigma_{1,1,6} - 20\Sigma_1\Sigma_{1,1}\Sigma_{1,2,5} - 20\Sigma_1\Sigma_{1,1}\Sigma_{1,3,4}(25.800)$$

$$- 20\Sigma_1\Sigma_{1,1}\Sigma_{1,4,3} - 20\Sigma_1\Sigma_{1,1}\Sigma_{1,5,2} - 20\Sigma_1\Sigma_{1,1}\Sigma_{1,6,1}(20.100)$$

$$+ 120\Sigma_1\Sigma_{1,1}\Sigma_2\Sigma_6 - 20\Sigma_1\Sigma_{1,1}\Sigma_{2,1,5} - 20\Sigma_1\Sigma_{1,1}\Sigma_{2,2,4}(23.100)$$

$$- 20\Sigma_1\Sigma_{1,1}\Sigma_{2,3,3} - 20\Sigma_1\Sigma_{1,1}\Sigma_{2,4,2} - 20\Sigma_1\Sigma_{1,1}\Sigma_{2,5,1}(20.100)$$
$$+ 120\Sigma_1\Sigma_{1,1}\Sigma_3\Sigma_5 - 20\Sigma_1\Sigma_{1,1}\Sigma_{3,1,4} - 20\Sigma_1\Sigma_{1,1}\Sigma_{3,2,3}(23.100)$$
$$- 20\Sigma_1\Sigma_{1,1}\Sigma_{3,3,2} - 20\Sigma_1\Sigma_{1,1}\Sigma_{3,4,1} + 60\Sigma_1\Sigma_{1,1}\Sigma_4^2(20.700)$$
$$- 20\Sigma_1\Sigma_{1,1}\Sigma_{4,1,3} - 20\Sigma_1\Sigma_{1,1}\Sigma_{4,2,2} - 20\Sigma_1\Sigma_{1,1}\Sigma_{4,3,1}(20.100)$$
$$- 20\Sigma_1\Sigma_{1,1}\Sigma_{5,1,2} - 20\Sigma_1\Sigma_{1,1}\Sigma_{5,2,1} - 20\Sigma_1\Sigma_{1,1}\Sigma_{6,1,1}(20.100)$$
$$- 20\Sigma_1\Sigma_{1,1,1}\Sigma_{1,6} - 20\Sigma_1\Sigma_{1,1,1}\Sigma_{2,5} - 20\Sigma_1\Sigma_{1,1,1}\Sigma_{3,4}(20.100)$$
$$- 20\Sigma_1\Sigma_{1,1,1}\Sigma_{4,3} - 20\Sigma_1\Sigma_{1,1,1}\Sigma_{5,2} - 20\Sigma_1\Sigma_{1,1,1}\Sigma_{6,1}(20.100)$$
$$- 20\Sigma_1\Sigma_{1,1,1,1}\Sigma_6 + 4\Sigma_1\Sigma_{1,1,1,1,1,5} + 4\Sigma_1\Sigma_{1,1,1,1,2,4} + 4\Sigma_1\Sigma_{1,1,1,1,3,3}(22.000)$$
$$+ 4\Sigma_1\Sigma_{1,1,1,1,4,2} + 4\Sigma_1\Sigma_{1,1,1,1,5,1} - 20\Sigma_1\Sigma_{1,1,1,2}\Sigma_5 + 4\Sigma_1\Sigma_{1,1,1,2,1,4}(22.000)$$
$$+ 4\Sigma_1\Sigma_{1,1,1,2,2,3} + 4\Sigma_1\Sigma_{1,1,1,2,3,2} + 4\Sigma_1\Sigma_{1,1,1,2,4,1} - 20\Sigma_1\Sigma_{1,1,1,3}\Sigma_4(22.000)$$
$$+ 4\Sigma_1\Sigma_{1,1,1,3,1,3} + 4\Sigma_1\Sigma_{1,1,1,3,2,2} + 4\Sigma_1\Sigma_{1,1,1,3,3,1} - 20\Sigma_1\Sigma_{1,1,1,4}\Sigma_3(22.000)$$
$$+ 4\Sigma_1\Sigma_{1,1,1,4,1,2} + 4\Sigma_1\Sigma_{1,1,1,4,2,1} - 20\Sigma_1\Sigma_{1,1,1,5}\Sigma_2 + 4\Sigma_1\Sigma_{1,1,1,5,1,1}(22.000)$$
$$- 20\Sigma_1\Sigma_{1,1,2}\Sigma_{1,5} - 20\Sigma_1\Sigma_{1,1,2}\Sigma_{2,4} - 20\Sigma_1\Sigma_{1,1,2}\Sigma_{3,3}(20.100)$$
$$- 20\Sigma_1\Sigma_{1,1,2}\Sigma_{4,2} - 20\Sigma_1\Sigma_{1,1,2}\Sigma_{5,1} - 20\Sigma_1\Sigma_{1,1,2,1}\Sigma_5(20.700)$$
$$+ 4\Sigma_1\Sigma_{1,1,2,1,1,4} + 4\Sigma_1\Sigma_{1,1,2,1,2,3} + 4\Sigma_1\Sigma_{1,1,2,1,3,2} + 4\Sigma_1\Sigma_{1,1,2,1,4,1} - 20\Sigma_1\Sigma_{1,1,2,2}\Sigma_4(26.900)$$
$$+ 4\Sigma_1\Sigma_{1,1,2,2,1,3} + 4\Sigma_1\Sigma_{1,1,2,2,2,2} + 4\Sigma_1\Sigma_{1,1,2,2,3,1} - 20\Sigma_1\Sigma_{1,1,2,3}\Sigma_3(22.000)$$
$$+ 4\Sigma_1\Sigma_{1,1,2,3,1,2} + 4\Sigma_1\Sigma_{1,1,2,3,2,1} - 20\Sigma_1\Sigma_{1,1,2,4}\Sigma_2 + 4\Sigma_1\Sigma_{1,1,2,4,1,1}(22.000)$$
$$- 20\Sigma_1\Sigma_{1,1,3}\Sigma_{1,4} - 20\Sigma_1\Sigma_{1,1,3}\Sigma_{2,3} - 20\Sigma_1\Sigma_{1,1,3}\Sigma_{3,2}(20.100)$$
$$- 20\Sigma_1\Sigma_{1,1,3}\Sigma_{4,1} - 20\Sigma_1\Sigma_{1,1,3,1}\Sigma_4 + 4\Sigma_1\Sigma_{1,1,3,1,1,3} + 4\Sigma_1\Sigma_{1,1,3,1,2,2}(23.800)$$
$$+ 4\Sigma_1\Sigma_{1,1,3,1,3,1} - 20\Sigma_1\Sigma_{1,1,3,2}\Sigma_3 + 4\Sigma_1\Sigma_{1,1,3,2,1,2} + 4\Sigma_1\Sigma_{1,1,3,2,2,1}(22.000)$$
$$- 20\Sigma_1\Sigma_{1,1,3,3}\Sigma_2 + 4\Sigma_1\Sigma_{1,1,3,3,1,1} - 20\Sigma_1\Sigma_{1,1,4}\Sigma_{1,3} - 20\Sigma_1\Sigma_{1,1,4}\Sigma_{2,2}(25.600)$$
$$- 20\Sigma_1\Sigma_{1,1,4}\Sigma_{3,1} - 20\Sigma_1\Sigma_{1,1,4,1}\Sigma_3 + 4\Sigma_1\Sigma_{1,1,4,1,1,2} + 4\Sigma_1\Sigma_{1,1,4,1,2,1}(23.800)$$
$$- 20\Sigma_1\Sigma_{1,1,4,2}\Sigma_2 + 4\Sigma_1\Sigma_{1,1,4,2,1,1} - 20\Sigma_1\Sigma_{1,1,5}\Sigma_{1,2} - 20\Sigma_1\Sigma_{1,1,5}\Sigma_{2,1}(25.600)$$
$$- 20\Sigma_1\Sigma_{1,1,5,1}\Sigma_2 + 4\Sigma_1\Sigma_{1,1,5,1,1,1} - 20\Sigma_1\Sigma_{1,2}\Sigma_{1,2,4} - 20\Sigma_1\Sigma_{1,2}\Sigma_{1,3,3}(25.600)$$
$$- 20\Sigma_1\Sigma_{1,2}\Sigma_{1,4,2} - 20\Sigma_1\Sigma_{1,2}\Sigma_{1,5,1} + 120\Sigma_1\Sigma_{1,2}\Sigma_2\Sigma_5(23.100)$$
$$- 20\Sigma_1\Sigma_{1,2}\Sigma_{2,1,4} - 20\Sigma_1\Sigma_{1,2}\Sigma_{2,2,3} - 20\Sigma_1\Sigma_{1,2}\Sigma_{2,3,2}(20.100)$$
$$- 20\Sigma_1\Sigma_{1,2}\Sigma_{2,4,1} + 120\Sigma_1\Sigma_{1,2}\Sigma_3\Sigma_4 - 20\Sigma_1\Sigma_{1,2}\Sigma_{3,1,3}(23.100)$$

$$- 20\Sigma_1\Sigma_{1,2}\Sigma_{3,2,2} - 20\Sigma_1\Sigma_{1,2}\Sigma_{3,3,1} - 20\Sigma_1\Sigma_{1,2}\Sigma_{4,1,2}\,(20.100)$$

$$- 20\Sigma_1\Sigma_{1,2}\Sigma_{4,2,1} - 20\Sigma_1\Sigma_{1,2}\Sigma_{5,1,1} - 20\Sigma_1\Sigma_{1,2,1}\Sigma_{1,5}\,(20.100)$$

$$- 20\Sigma_1\Sigma_{1,2,1}\Sigma_{2,4} - 20\Sigma_1\Sigma_{1,2,1}\Sigma_{3,3} - 20\Sigma_1\Sigma_{1,2,1}\Sigma_{4,2}\,(20.100)$$

$$- 20\Sigma_1\Sigma_{1,2,1}\Sigma_{5,1} - 20\Sigma_1\Sigma_{1,2,1,1}\Sigma_5 + 4\Sigma_1\Sigma_{1,2,1,1,1,4} + 4\Sigma_1\Sigma_{1,2,1,1,2,3}\,(23.800)$$

$$+ 4\Sigma_1\Sigma_{1,2,1,1,3,2} + 4\Sigma_1\Sigma_{1,2,1,1,4,1} - 20\Sigma_1\Sigma_{1,2,1,2}\Sigma_4 + 4\Sigma_1\Sigma_{1,2,1,2,1,3}\,(22.000)$$

$$+ 4\Sigma_1\Sigma_{1,2,1,2,2,2} + 4\Sigma_1\Sigma_{1,2,1,2,3,1} - 20\Sigma_1\Sigma_{1,2,1,3}\Sigma_3 + 4\Sigma_1\Sigma_{1,2,1,3,1,2}\,(22.000)$$

$$+ 4\Sigma_1\Sigma_{1,2,1,3,2,1} - 20\Sigma_1\Sigma_{1,2,1,4}\Sigma_2 + 4\Sigma_1\Sigma_{1,2,1,4,1,1} - 20\Sigma_1\Sigma_{1,2,2}\Sigma_{1,4}\,(23.800)$$

$$- 20\Sigma_1\Sigma_{1,2,2}\Sigma_{2,3} - 20\Sigma_1\Sigma_{1,2,2}\Sigma_{3,2} - 20\Sigma_1\Sigma_{1,2,2}\Sigma_{4,1}\,(20.100)$$

$$- 20\Sigma_1\Sigma_{1,2,2,1}\Sigma_4 + 4\Sigma_1\Sigma_{1,2,2,1,1,3} + 4\Sigma_1\Sigma_{1,2,2,1,2,2} + 4\Sigma_1\Sigma_{1,2,2,1,3,1}\,(22.000)$$

$$- 20\Sigma_1\Sigma_{1,2,2,2}\Sigma_3 + 4\Sigma_1\Sigma_{1,2,2,2,1,2} + 4\Sigma_1\Sigma_{1,2,2,2,2,1} - 20\Sigma_1\Sigma_{1,2,2,3}\Sigma_2\,(24.400)$$

$$+ 4\Sigma_1\Sigma_{1,2,2,3,1,1} - 20\Sigma_1\Sigma_{1,2,3}\Sigma_{1,3} - 20\Sigma_1\Sigma_{1,2,3}\Sigma_{2,2} - 20\Sigma_1\Sigma_{1,2,3}\Sigma_{3,1}\,(25.000)$$

$$- 20\Sigma_1\Sigma_{1,2,3,1}\Sigma_3 + 4\Sigma_1\Sigma_{1,2,3,1,1,2} + 4\Sigma_1\Sigma_{1,2,3,1,2,1} - 20\Sigma_1\Sigma_{1,2,3,2}\Sigma_2\,(24.400)$$

$$+ 4\Sigma_1\Sigma_{1,2,3,2,1,1} - 20\Sigma_1\Sigma_{1,2,4}\Sigma_{2,1} - 20\Sigma_1\Sigma_{1,2,4,1}\Sigma_2 + 4\Sigma_1\Sigma_{1,2,4,1,1,1}\,(23.800)$$

$$- 20\Sigma_1\Sigma_{1,3}\Sigma_{1,3,2} - 20\Sigma_1\Sigma_{1,3}\Sigma_{1,4,1} + 120\Sigma_1\Sigma_{1,3}\Sigma_2\Sigma_4\,(23.100)$$

$$- 20\Sigma_1\Sigma_{1,3}\Sigma_{2,1,3} - 20\Sigma_1\Sigma_{1,3}\Sigma_{2,2,2} - 20\Sigma_1\Sigma_{1,3}\Sigma_{2,3,1}\,(20.100)$$

$$+ 60\Sigma_1\Sigma_{1,3}\Sigma_3^2 - 20\Sigma_1\Sigma_{1,3}\Sigma_{3,1,2} - 20\Sigma_1\Sigma_{1,3}\Sigma_{3,2,1}\,(20.700)$$

$$- 20\Sigma_1\Sigma_{1,3}\Sigma_{4,1,1} - 20\Sigma_1\Sigma_{1,3,1}\Sigma_{1,4} - 20\Sigma_1\Sigma_{1,3,1}\Sigma_{2,3}\,(20.100)$$

$$- 20\Sigma_1\Sigma_{1,3,1}\Sigma_{3,2} - 20\Sigma_1\Sigma_{1,3,1}\Sigma_{4,1} - 20\Sigma_1\Sigma_{1,3,1,1}\Sigma_4\,(20.700)$$

$$+ 4\Sigma_1\Sigma_{1,3,1,1,1,3} + 4\Sigma_1\Sigma_{1,3,1,1,2,2} + 4\Sigma_1\Sigma_{1,3,1,1,3,1} - 20\Sigma_1\Sigma_{1,3,1,2}\Sigma_3\,(22.000)$$

$$+ 4\Sigma_1\Sigma_{1,3,1,2,1,2} + 4\Sigma_1\Sigma_{1,3,1,2,2,1} - 20\Sigma_1\Sigma_{1,3,1,3}\Sigma_2 + 4\Sigma_1\Sigma_{1,3,1,3,1,1}\,(22.000)$$

$$- 20\Sigma_1\Sigma_{1,3,2}\Sigma_{2,2} - 20\Sigma_1\Sigma_{1,3,2}\Sigma_{3,1} - 20\Sigma_1\Sigma_{1,3,2,1}\Sigma_3\,(20.700)$$

$$+ 4\Sigma_1\Sigma_{1,3,2,1,1,2} + 4\Sigma_1\Sigma_{1,3,2,1,2,1} - 20\Sigma_1\Sigma_{1,3,2,2}\Sigma_2 + 4\Sigma_1\Sigma_{1,3,2,2,1,1}\,(22.000)$$

$$- 20\Sigma_1\Sigma_{1,3,3}\Sigma_{2,1} - 20\Sigma_1\Sigma_{1,3,3,1}\Sigma_2 + 4\Sigma_1\Sigma_{1,3,3,1,1,1} + 120\Sigma_1\Sigma_{1,4}\Sigma_2\Sigma_3\,(28.600)$$

$$- 20\Sigma_1\Sigma_{1,4}\Sigma_{2,1,2} - 20\Sigma_1\Sigma_{1,4}\Sigma_{2,2,1} - 20\Sigma_1\Sigma_{1,4}\Sigma_{3,1,1}\,(20.100)$$

$$- 20\Sigma_1\Sigma_{1,4,1}\Sigma_{2,2} - 20\Sigma_1\Sigma_{1,4,1}\Sigma_{3,1} - 20\Sigma_1\Sigma_{1,4,1,1}\Sigma_3\,(20.700)$$

$$+ 4\Sigma_1\Sigma_{1,4,1,1,1,2} + 4\Sigma_1\Sigma_{1,4,1,1,2,1} - 20\Sigma_1\Sigma_{1,4,1,2}\Sigma_2 + 4\Sigma_1\Sigma_{1,4,1,2,1,1}\,(22.000)$$

$$- 20\Sigma_1\Sigma_{1,4,2}\Sigma_{2,1} - 20\Sigma_1\Sigma_{1,4,2,1}\Sigma_2 + 4\Sigma_1\Sigma_{1,4,2,1,1,1} + 60\Sigma_1\Sigma_{1,5}\Sigma_2^2\,(26.200)$$

$$- 20\Sigma_1\Sigma_{1,5}\Sigma_{2,1,1} - 20\Sigma_1\Sigma_{1,5,1}\Sigma_{2,1} - 20\Sigma_1\Sigma_{1,5,1,1}\Sigma_2(20.700)$$

$$+ 4\Sigma_1\Sigma_{1,5,1,1,1,1} + 60\Sigma_1\Sigma_2^2\Sigma_{2,4} + 60\Sigma_1\Sigma_2^2\Sigma_{3,3} + 60\Sigma_1\Sigma_2^2\Sigma_{4,2}(26.800)$$

$$+ 60\Sigma_1\Sigma_2^2\Sigma_{5,1} + 120\Sigma_1\Sigma_2\Sigma_{2,1}\Sigma_5 - 20\Sigma_1\Sigma_2\Sigma_{2,1,1,4}(24.300)$$

$$- 20\Sigma_1\Sigma_2\Sigma_{2,1,2,3} - 20\Sigma_1\Sigma_2\Sigma_{2,1,3,2} - 20\Sigma_1\Sigma_2\Sigma_{2,1,4,1}(21.900)$$

$$+ 120\Sigma_1\Sigma_2\Sigma_{2,2}\Sigma_4 - 20\Sigma_1\Sigma_2\Sigma_{2,2,1,3} - 20\Sigma_1\Sigma_2\Sigma_{2,2,2,2}(24.300)$$

$$- 20\Sigma_1\Sigma_2\Sigma_{2,2,3,1} + 120\Sigma_1\Sigma_2\Sigma_{2,3}\Sigma_3 - 20\Sigma_1\Sigma_2\Sigma_{2,3,1,2}(24.300)$$

$$- 20\Sigma_1\Sigma_2\Sigma_{2,3,2,1} - 20\Sigma_1\Sigma_2\Sigma_{2,4,1,1} + 120\Sigma_1\Sigma_2\Sigma_3\Sigma_{3,2}(24.300)$$

$$+ 120\Sigma_1\Sigma_2\Sigma_3\Sigma_{4,1} + 120\Sigma_1\Sigma_2\Sigma_{3,1}\Sigma_4 - 20\Sigma_1\Sigma_2\Sigma_{3,1,1,3}(26.700)$$

$$- 20\Sigma_1\Sigma_2\Sigma_{3,1,2,2} - 20\Sigma_1\Sigma_2\Sigma_{3,1,3,1} - 20\Sigma_1\Sigma_2\Sigma_{3,2,1,2}(21.900)$$

$$- 20\Sigma_1\Sigma_2\Sigma_{3,2,2,1} - 20\Sigma_1\Sigma_2\Sigma_{3,3,1,1} - 20\Sigma_1\Sigma_2\Sigma_{4,1,1,2}(21.900)$$

$$- 20\Sigma_1\Sigma_2\Sigma_{4,1,2,1} - 20\Sigma_1\Sigma_2\Sigma_{4,2,1,1} - 20\Sigma_1\Sigma_2\Sigma_{5,1,1,1}(21.900)$$

$$- 20\Sigma_1\Sigma_{2,1}\Sigma_{2,1,4} - 20\Sigma_1\Sigma_{2,1}\Sigma_{2,2,3} - 20\Sigma_1\Sigma_{2,1}\Sigma_{2,3,2}(20.100)$$

$$- 20\Sigma_1\Sigma_{2,1}\Sigma_{2,4,1} + 120\Sigma_1\Sigma_{2,1}\Sigma_3\Sigma_4 - 20\Sigma_1\Sigma_{2,1}\Sigma_{3,1,3}(23.100)$$

$$- 20\Sigma_1\Sigma_{2,1}\Sigma_{3,2,2} - 20\Sigma_1\Sigma_{2,1}\Sigma_{3,3,1} - 20\Sigma_1\Sigma_{2,1}\Sigma_{4,1,2}(20.100)$$

$$- 20\Sigma_1\Sigma_{2,1}\Sigma_{4,2,1} - 20\Sigma_1\Sigma_{2,1}\Sigma_{5,1,1} - 20\Sigma_1\Sigma_{2,1,1}\Sigma_{2,4}(20.100)$$

$$- 20\Sigma_1\Sigma_{2,1,1}\Sigma_{3,3} - 20\Sigma_1\Sigma_{2,1,1}\Sigma_{4,2} - 20\Sigma_1\Sigma_{2,1,1}\Sigma_{5,1}(20.100)$$

$$- 20\Sigma_1\Sigma_{2,1,1,1}\Sigma_5 + 4\Sigma_1\Sigma_{2,1,1,1,1,4} + 4\Sigma_1\Sigma_{2,1,1,1,2,3} + 4\Sigma_1\Sigma_{2,1,1,1,3,2}(22.000)$$

$$+ 4\Sigma_1\Sigma_{2,1,1,1,4,1} - 20\Sigma_1\Sigma_{2,1,1,2}\Sigma_4 + 4\Sigma_1\Sigma_{2,1,1,2,1,3} + 4\Sigma_1\Sigma_{2,1,1,2,2,2}(22.000)$$

$$+ 4\Sigma_1\Sigma_{2,1,1,2,3,1} - 20\Sigma_1\Sigma_{2,1,1,3}\Sigma_3 + 4\Sigma_1\Sigma_{2,1,1,3,1,2} + 4\Sigma_1\Sigma_{2,1,1,3,2,1}(22.000)$$

$$+ 4\Sigma_1\Sigma_{2,1,1,4,1,1} - 20\Sigma_1\Sigma_{2,1,2}\Sigma_{2,3} - 20\Sigma_1\Sigma_{2,1,2}\Sigma_{3,2} - 20\Sigma_1\Sigma_{2,1,2}\Sigma_{4,1}(25.000)$$

$$- 20\Sigma_1\Sigma_{2,1,2,1}\Sigma_4 + 4\Sigma_1\Sigma_{2,1,2,1,1,3} + 4\Sigma_1\Sigma_{2,1,2,1,2,2} + 4\Sigma_1\Sigma_{2,1,2,1,3,1}(22.000)$$

$$- 20\Sigma_1\Sigma_{2,1,2,2}\Sigma_3 + 4\Sigma_1\Sigma_{2,1,2,2,1,2} + 4\Sigma_1\Sigma_{2,1,2,2,2,1} + 4\Sigma_1\Sigma_{2,1,2,3,1,1}(22.000)$$

$$- 20\Sigma_1\Sigma_{2,1,3}\Sigma_{2,2} - 20\Sigma_1\Sigma_{2,1,3}\Sigma_{3,1} - 20\Sigma_1\Sigma_{2,1,3,1}\Sigma_3(20.700)$$

$$+ 4\Sigma_1\Sigma_{2,1,3,1,1,2} + 4\Sigma_1\Sigma_{2,1,3,1,2,1} + 4\Sigma_1\Sigma_{2,1,3,2,1,1} + 4\Sigma_1\Sigma_{2,1,4,1,1,1} - 20\Sigma_1\Sigma_{2,2}\Sigma_{2,2,2}(26.300)$$

$$- 20\Sigma_1\Sigma_{2,2}\Sigma_{2,3,1} + 60\Sigma_1\Sigma_{2,2}\Sigma_3^2 - 20\Sigma_1\Sigma_{2,2}\Sigma_{3,1,2}(20.700)$$

$$- 20\Sigma_1\Sigma_{2,2}\Sigma_{3,2,1} - 20\Sigma_1\Sigma_{2,2}\Sigma_{4,1,1} - 20\Sigma_1\Sigma_{2,2,1}\Sigma_{2,3}(20.100)$$

$$- 20\Sigma_1\Sigma_{2,2,1}\Sigma_{3,2} - 20\Sigma_1\Sigma_{2,2,1}\Sigma_{4,1} - 20\Sigma_1\Sigma_{2,2,1,1}\Sigma_4(20.700)$$

$$+ 4\Sigma_1\Sigma_{2,2,1,1,1,3} + 4\Sigma_1\Sigma_{2,2,1,1,2,2} + 4\Sigma_1\Sigma_{2,2,1,1,3,1} - 20\Sigma_1\Sigma_{2,2,1,2}\Sigma_3(22.000)$$

$$+ 4\Sigma_1\Sigma_{2,2,1,2,1,2} + 4\Sigma_1\Sigma_{2,2,1,2,2,1} + 4\Sigma_1\Sigma_{2,2,1,3,1,1} - 20\Sigma_1\Sigma_{2,2,2}\Sigma_{3,1}(21.400)$$

$$- 20\Sigma_1\Sigma_{2,2,2,1}\Sigma_3 + 4\Sigma_1\Sigma_{2,2,2,1,1,2} + 4\Sigma_1\Sigma_{2,2,2,1,2,1} + 4\Sigma_1\Sigma_{2,2,2,2,1,1}(22.000)$$

$$+ 4\Sigma_1\Sigma_{2,2,3,1,1,1} - 20\Sigma_1\Sigma_{2,3}\Sigma_{3,1,1} - 20\Sigma_1\Sigma_{2,3,1}\Sigma_{3,1} - 20\Sigma_1\Sigma_{2,3,1,1}\Sigma_3(25.600)$$

$$+ 4\Sigma_1\Sigma_{2,3,1,1,1,2} + 4\Sigma_1\Sigma_{2,3,1,1,2,1} + 4\Sigma_1\Sigma_{2,3,1,2,1,1} + 4\Sigma_1\Sigma_{2,3,2,1,1,1} + 4\Sigma_1\Sigma_{2,4,1,1,1,1}(24.500)$$

$$+ 60\Sigma_1\Sigma_3^2\Sigma_{3,1} - 20\Sigma_1\Sigma_3\Sigma_{3,1,1,2} - 20\Sigma_1\Sigma_3\Sigma_{3,1,2,1}(21.900)$$

$$- 20\Sigma_1\Sigma_3\Sigma_{3,2,1,1} - 20\Sigma_1\Sigma_3\Sigma_{4,1,1,1} - 20\Sigma_1\Sigma_{3,1}\Sigma_{3,1,2}(21.300)$$

$$- 20\Sigma_1\Sigma_{3,1}\Sigma_{3,2,1} - 20\Sigma_1\Sigma_{3,1}\Sigma_{4,1,1} - 20\Sigma_1\Sigma_{3,1,1}\Sigma_{3,2}(20.100)$$

$$- 20\Sigma_1\Sigma_{3,1,1}\Sigma_{4,1} - 20\Sigma_1\Sigma_{3,1,1,1}\Sigma_4 + 4\Sigma_1\Sigma_{3,1,1,1,1,3} + 4\Sigma_1\Sigma_{3,1,1,1,2,2}(23.800)$$

$$+ 4\Sigma_1\Sigma_{3,1,1,1,3,1} + 4\Sigma_1\Sigma_{3,1,1,2,1,2} + 4\Sigma_1\Sigma_{3,1,1,2,2,1} + 4\Sigma_1\Sigma_{3,1,1,3,1,1} + 4\Sigma_1\Sigma_{3,1,2,1,1,2}(24.500)$$

$$+ 4\Sigma_1\Sigma_{3,1,2,1,2,1} + 4\Sigma_1\Sigma_{3,1,2,2,1,1} + 4\Sigma_1\Sigma_{3,1,3,1,1,1} + 4\Sigma_1\Sigma_{3,2,1,1,1,2} + 4\Sigma_1\Sigma_{3,2,1,1,2,1}(24.500)$$

$$+ 4\Sigma_1\Sigma_{3,2,1,2,1,1} + 4\Sigma_1\Sigma_{3,2,2,1,1,1} + 4\Sigma_1\Sigma_{3,3,1,1,1,1} + 4\Sigma_1\Sigma_{4,1,1,1,1,2} + 4\Sigma_1\Sigma_{4,1,1,1,2,1}(24.500)$$

$$+ 4\Sigma_1\Sigma_{4,1,1,2,1,1} + 4\Sigma_1\Sigma_{4,1,2,1,1,1} + 4\Sigma_1\Sigma_{4,2,1,1,1,1} + 4\Sigma_1\Sigma_{5,1,1,1,1,1} - 10\Sigma_{1,1}^2\Sigma_{1,6}(24.700)$$

$$- 10\Sigma_{1,1}^2\Sigma_{2,5} - 10\Sigma_{1,1}^2\Sigma_{3,4} - 10\Sigma_{1,1}^2\Sigma_{4,3} - 10\Sigma_{1,1}^2\Sigma_{5,2}(20.400)$$

$$- 10\Sigma_{1,1}^2\Sigma_{6,1} - 20\Sigma_{1,1}\Sigma_{1,1,1}\Sigma_6 + 4\Sigma_{1,1}\Sigma_{1,1,1,1,5} + 4\Sigma_{1,1}\Sigma_{1,1,1,2,4}(20.400)$$

$$+ 4\Sigma_{1,1}\Sigma_{1,1,1,3,3} + 4\Sigma_{1,1}\Sigma_{1,1,1,4,2} + 4\Sigma_{1,1}\Sigma_{1,1,1,5,1} - 20\Sigma_{1,1}\Sigma_{1,1,2}\Sigma_5 + 4\Sigma_{1,1}\Sigma_{1,1,2,1,4}(23.900)$$

$$+ 4\Sigma_{1,1}\Sigma_{1,1,2,2,3} + 4\Sigma_{1,1}\Sigma_{1,1,2,3,2} + 4\Sigma_{1,1}\Sigma_{1,1,2,4,1} - 20\Sigma_{1,1}\Sigma_{1,1,3}\Sigma_4 + 4\Sigma_{1,1}\Sigma_{1,1,3,1,3}(23.900)$$

$$+ 4\Sigma_{1,1}\Sigma_{1,1,3,2,2} + 4\Sigma_{1,1}\Sigma_{1,1,3,3,1} - 20\Sigma_{1,1}\Sigma_{1,1,4}\Sigma_3 + 4\Sigma_{1,1}\Sigma_{1,1,4,1,2} + 4\Sigma_{1,1}\Sigma_{1,1,4,2,1}(23.900)$$

$$- 20\Sigma_{1,1}\Sigma_{1,1,5}\Sigma_2 + 4\Sigma_{1,1}\Sigma_{1,1,5,1,1} - 20\Sigma_{1,1}\Sigma_{1,2}\Sigma_{1,5} - 20\Sigma_{1,1}\Sigma_{1,2}\Sigma_{2,4}(23.200)$$

$$- 20\Sigma_{1,1}\Sigma_{1,2}\Sigma_{3,3} - 20\Sigma_{1,1}\Sigma_{1,2}\Sigma_{4,2} - 20\Sigma_{1,1}\Sigma_{1,2}\Sigma_{5,1} - 20\Sigma_{1,1}\Sigma_{1,2,1}\Sigma_5(25.000)$$

$$+ 4\Sigma_{1,1}\Sigma_{1,2,1,1,4} + 4\Sigma_{1,1}\Sigma_{1,2,1,2,3} + 4\Sigma_{1,1}\Sigma_{1,2,1,3,2} + 4\Sigma_{1,1}\Sigma_{1,2,1,4,1} - 20\Sigma_{1,1}\Sigma_{1,2,2}\Sigma_4(23.900)$$

$$+ 4\Sigma_{1,1}\Sigma_{1,2,2,1,3} + 4\Sigma_{1,1}\Sigma_{1,2,2,2,2} + 4\Sigma_{1,1}\Sigma_{1,2,2,3,1} - 20\Sigma_{1,1}\Sigma_{1,2,3}\Sigma_3 + 4\Sigma_{1,1}\Sigma_{1,2,3,1,2}(23.900)$$

$$+ 4\Sigma_{1,1}\Sigma_{1,2,3,2,1} - 20\Sigma_{1,1}\Sigma_{1,2,4}\Sigma_2 + 4\Sigma_{1,1}\Sigma_{1,2,4,1,1} - 20\Sigma_{1,1}\Sigma_{1,3}\Sigma_{1,4}(21.400)$$

$$- 20\Sigma_{1,1}\Sigma_{1,3}\Sigma_{2,3} - 20\Sigma_{1,1}\Sigma_{1,3}\Sigma_{3,2} - 20\Sigma_{1,1}\Sigma_{1,3}\Sigma_{4,1} - 20\Sigma_{1,1}\Sigma_{1,3,1}\Sigma_4(25.000)$$

$$+ 4\Sigma_{1,1}\Sigma_{1,3,1,1,3} + 4\Sigma_{1,1}\Sigma_{1,3,1,2,2} + 4\Sigma_{1,1}\Sigma_{1,3,1,3,1} - 20\Sigma_{1,1}\Sigma_{1,3,2}\Sigma_3 + 4\Sigma_{1,1}\Sigma_{1,3,2,1,2}(23.900)$$

$$+ 4\Sigma_{1,1}\Sigma_{1,3,2,2,1} - 20\Sigma_{1,1}\Sigma_{1,3,3}\Sigma_2 + 4\Sigma_{1,1}\Sigma_{1,3,3,1,1} - 20\Sigma_{1,1}\Sigma_{1,4}\Sigma_{2,2}(21.400)$$

$$- 20\Sigma_{1,1}\Sigma_{1,4}\Sigma_{3,1} - 20\Sigma_{1,1}\Sigma_{1,4,1}\Sigma_{3} + 4\Sigma_{1,1}\Sigma_{1,4,1,1,2} + 4\Sigma_{1,1}\Sigma_{1,4,1,2,1}(21.400)$$

$$- 20\Sigma_{1,1}\Sigma_{1,4,2}\Sigma_{2} + 4\Sigma_{1,1}\Sigma_{1,4,2,1,1} - 20\Sigma_{1,1}\Sigma_{1,5}\Sigma_{2,1} - 20\Sigma_{1,1}\Sigma_{1,5,1}\Sigma_{2}(23.800)$$

$$+ 4\Sigma_{1,1}\Sigma_{1,5,1,1,1} + 60\Sigma_{1,1}\Sigma_{2}^{2}\Sigma_{5} - 20\Sigma_{1,1}\Sigma_{2}\Sigma_{2,1,4} - 20\Sigma_{1,1}\Sigma_{2}\Sigma_{2,2,3}(25.000)$$

$$- 20\Sigma_{1,1}\Sigma_{2}\Sigma_{2,3,2} - 20\Sigma_{1,1}\Sigma_{2}\Sigma_{2,4,1} + 120\Sigma_{1,1}\Sigma_{2}\Sigma_{3}\Sigma_{4}(23.100)$$

$$- 20\Sigma_{1,1}\Sigma_{2}\Sigma_{3,1,3} - 20\Sigma_{1,1}\Sigma_{2}\Sigma_{3,2,2} - 20\Sigma_{1,1}\Sigma_{2}\Sigma_{3,3,1}(20.100)$$

$$- 20\Sigma_{1,1}\Sigma_{2}\Sigma_{4,1,2} - 20\Sigma_{1,1}\Sigma_{2}\Sigma_{4,2,1} - 20\Sigma_{1,1}\Sigma_{2}\Sigma_{5,1,1}(20.100)$$

$$- 20\Sigma_{1,1}\Sigma_{2,1}\Sigma_{2,4} - 20\Sigma_{1,1}\Sigma_{2,1}\Sigma_{3,3} - 20\Sigma_{1,1}\Sigma_{2,1}\Sigma_{4,2} - 20\Sigma_{1,1}\Sigma_{2,1}\Sigma_{5,1}(24.400)$$

$$- 20\Sigma_{1,1}\Sigma_{2,1,1}\Sigma_{5} + 4\Sigma_{1,1}\Sigma_{2,1,1,1,4} + 4\Sigma_{1,1}\Sigma_{2,1,1,2,3} + 4\Sigma_{1,1}\Sigma_{2,1,1,3,2} + 4\Sigma_{1,1}\Sigma_{2,1,1,4,1}(23.900)$$

$$- 20\Sigma_{1,1}\Sigma_{2,1,2}\Sigma_{4} + 4\Sigma_{1,1}\Sigma_{2,1,2,1,3} + 4\Sigma_{1,1}\Sigma_{2,1,2,2,2} + 4\Sigma_{1,1}\Sigma_{2,1,2,3,1} - 20\Sigma_{1,1}\Sigma_{2,1,3}\Sigma_{3}(26.300)$$

$$+ 4\Sigma_{1,1}\Sigma_{2,1,3,1,2} + 4\Sigma_{1,1}\Sigma_{2,1,3,2,1} + 4\Sigma_{1,1}\Sigma_{2,1,4,1,1} - 20\Sigma_{1,1}\Sigma_{2,2}\Sigma_{2,3} - 20\Sigma_{1,1}\Sigma_{2,2}\Sigma_{3,2}(25.100)$$

$$- 20\Sigma_{1,1}\Sigma_{2,2}\Sigma_{4,1} - 20\Sigma_{1,1}\Sigma_{2,2,1}\Sigma_{4} + 4\Sigma_{1,1}\Sigma_{2,2,1,1,3} + 4\Sigma_{1,1}\Sigma_{2,2,1,2,2}(21.400)$$

$$+ 4\Sigma_{1,1}\Sigma_{2,2,1,3,1} - 20\Sigma_{1,1}\Sigma_{2,2,2}\Sigma_{3} + 4\Sigma_{1,1}\Sigma_{2,2,2,1,2} + 4\Sigma_{1,1}\Sigma_{2,2,2,2,1} + 4\Sigma_{1,1}\Sigma_{2,2,3,1,1}(23.900)$$

$$- 20\Sigma_{1,1}\Sigma_{2,3}\Sigma_{3,1} - 20\Sigma_{1,1}\Sigma_{2,3,1}\Sigma_{3} + 4\Sigma_{1,1}\Sigma_{2,3,1,1,2} + 4\Sigma_{1,1}\Sigma_{2,3,1,2,1}(21.400)$$

$$+ 4\Sigma_{1,1}\Sigma_{2,3,2,1,1} + 4\Sigma_{1,1}\Sigma_{2,4,1,1,1} + 20\Sigma_{1,1}\Sigma_{3}^{3} - 20\Sigma_{1,1}\Sigma_{3}\Sigma_{3,1,2}(21.000)$$

$$- 20\Sigma_{1,1}\Sigma_{3}\Sigma_{3,2,1} - 20\Sigma_{1,1}\Sigma_{3}\Sigma_{4,1,1} - 20\Sigma_{1,1}\Sigma_{3,1}\Sigma_{3,2} - 20\Sigma_{1,1}\Sigma_{3,1}\Sigma_{4,1}(25.600)$$

$$- 20\Sigma_{1,1}\Sigma_{3,1,1}\Sigma_{4} + 4\Sigma_{1,1}\Sigma_{3,1,1,1,3} + 4\Sigma_{1,1}\Sigma_{3,1,1,2,2} + 4\Sigma_{1,1}\Sigma_{3,1,1,3,1} + 4\Sigma_{1,1}\Sigma_{3,1,2,1,2}(23.900)$$

$$+ 4\Sigma_{1,1}\Sigma_{3,1,2,2,1} + 4\Sigma_{1,1}\Sigma_{3,1,3,1,1} + 4\Sigma_{1,1}\Sigma_{3,2,1,1,2} + 4\Sigma_{1,1}\Sigma_{3,2,1,2,1} + 4\Sigma_{1,1}\Sigma_{3,2,2,1,1}(21.500)$$

$$+ 4\Sigma_{1,1}\Sigma_{3,3,1,1,1} + 4\Sigma_{1,1}\Sigma_{4,1,1,1,2} + 4\Sigma_{1,1}\Sigma_{4,1,1,2,1} + 4\Sigma_{1,1}\Sigma_{4,1,2,1,1} + 4\Sigma_{1,1}\Sigma_{4,2,1,1,1}(21.500)$$

$$+ 4\Sigma_{1,1}\Sigma_{5,1,1,1,1} + 4\Sigma_{1,1,1}\Sigma_{1,1,1,5} + 4\Sigma_{1,1,1}\Sigma_{1,1,2,4} + 4\Sigma_{1,1,1}\Sigma_{1,1,3,3} + 4\Sigma_{1,1,1}\Sigma_{1,1,4,2}(21.500)$$

$$+ 4\Sigma_{1,1,1}\Sigma_{1,1,5,1} - 20\Sigma_{1,1,1}\Sigma_{1,2}\Sigma_{5} + 4\Sigma_{1,1,1}\Sigma_{1,2,1,4} + 4\Sigma_{1,1,1}\Sigma_{1,2,2,3} + 4\Sigma_{1,1,1}\Sigma_{1,2,3,2}(23.900)$$

$$+ 4\Sigma_{1,1,1}\Sigma_{1,2,4,1} - 20\Sigma_{1,1,1}\Sigma_{1,3}\Sigma_{4} + 4\Sigma_{1,1,1}\Sigma_{1,3,1,3} + 4\Sigma_{1,1,1}\Sigma_{1,3,2,2} + 4\Sigma_{1,1,1}\Sigma_{1,3,3,1}(23.900)$$

$$- 20\Sigma_{1,1,1}\Sigma_{1,4}\Sigma_{3} + 4\Sigma_{1,1,1}\Sigma_{1,4,1,2} + 4\Sigma_{1,1,1}\Sigma_{1,4,2,1} - 20\Sigma_{1,1,1}\Sigma_{1,5}\Sigma_{2}(22.000)$$

$$+ 4\Sigma_{1,1,1}\Sigma_{1,5,1,1} - 20\Sigma_{1,1,1}\Sigma_{2}\Sigma_{2,4} - 20\Sigma_{1,1,1}\Sigma_{2}\Sigma_{3,3} - 20\Sigma_{1,1,1}\Sigma_{2}\Sigma_{4,2}(24.400)$$

$$- 20\Sigma_{1,1,1}\Sigma_{2}\Sigma_{5,1} - 20\Sigma_{1,1,1}\Sigma_{2,1}\Sigma_{5} + 4\Sigma_{1,1,1}\Sigma_{2,1,1,4} + 4\Sigma_{1,1,1}\Sigma_{2,1,2,3}(22.000)$$

$$+ 4\Sigma_{1,1,1}\Sigma_{2,1,3,2} + 4\Sigma_{1,1,1}\Sigma_{2,1,4,1} - 20\Sigma_{1,1,1}\Sigma_{2,2}\Sigma_{4} + 4\Sigma_{1,1,1}\Sigma_{2,2,1,3} + 4\Sigma_{1,1,1}\Sigma_{2,2,2,2}(23.900)$$

$$+ 4\Sigma_{1,1,1}\Sigma_{2,2,3,1} - 20\Sigma_{1,1,1}\Sigma_{2,3}\Sigma_{3} + 4\Sigma_{1,1,1}\Sigma_{2,3,1,2} + 4\Sigma_{1,1,1}\Sigma_{2,3,2,1} + 4\Sigma_{1,1,1}\Sigma_{2,4,1,1}(23.900)$$

$$- 20\Sigma_{1,1,1}\Sigma_{3}\Sigma_{3,2} - 20\Sigma_{1,1,1}\Sigma_{3}\Sigma_{4,1} - 20\Sigma_{1,1,1}\Sigma_{3,1}\Sigma_{4}(20.100)$$

$$+ 4\Sigma_{1,1,1}\Sigma_{3,1,1,3} + 4\Sigma_{1,1,1}\Sigma_{3,1,2,2} + 4\Sigma_{1,1,1}\Sigma_{3,1,3,1} + 4\Sigma_{1,1,1}\Sigma_{3,2,1,2} + 4\Sigma_{1,1,1}\Sigma_{3,2,2,1}(21.500)$$

$$+ 4\Sigma_{1,1,1}\Sigma_{3,3,1,1} + 4\Sigma_{1,1,1}\Sigma_{4,1,1,2} + 4\Sigma_{1,1,1}\Sigma_{4,1,2,1} + 4\Sigma_{1,1,1}\Sigma_{4,2,1,1} + 4\Sigma_{1,1,1}\Sigma_{5,1,1,1}(21.500)$$

$$+ 4\Sigma_{1,1,1,1}\Sigma_{1,1,5} + 4\Sigma_{1,1,1,1}\Sigma_{1,2,4} + 4\Sigma_{1,1,1,1}\Sigma_{1,3,3} + 4\Sigma_{1,1,1,1}\Sigma_{1,4,2} + 4\Sigma_{1,1,1,1}\Sigma_{1,5,1}(21.500)$$

$$- 20\Sigma_{1,1,1,1}\Sigma_2\Sigma_5 + 4\Sigma_{1,1,1,1}\Sigma_{2,1,4} + 4\Sigma_{1,1,1,1}\Sigma_{2,2,3} + 4\Sigma_{1,1,1,1}\Sigma_{2,3,2}(20.200)$$

$$+ 4\Sigma_{1,1,1,1}\Sigma_{2,4,1} - 20\Sigma_{1,1,1,1}\Sigma_3\Sigma_4 + 4\Sigma_{1,1,1,1}\Sigma_{3,1,3} + 4\Sigma_{1,1,1,1}\Sigma_{3,2,2}(20.200)$$

$$+ 4\Sigma_{1,1,1,1}\Sigma_{3,3,1} + 4\Sigma_{1,1,1,1}\Sigma_{4,1,2} + 4\Sigma_{1,1,1,1}\Sigma_{4,2,1} + 4\Sigma_{1,1,1,1}\Sigma_{5,1,1} + 4\Sigma_{1,1,1,1,1}\Sigma_{1,5}(21.500)$$

$$+ 4\Sigma_{1,1,1,1,1}\Sigma_{2,4} + 4\Sigma_{1,1,1,1,1}\Sigma_{3,3} + 4\Sigma_{1,1,1,1,1}\Sigma_{4,2} + 4\Sigma_{1,1,1,1,1}\Sigma_{5,1} + 4\Sigma_{1,1,1,1,1,1}\Sigma_5(22.100)$$

$$- \Sigma_{1,1,1,1,1,1,1,4} - \Sigma_{1,1,1,1,1,1,2,3} - \Sigma_{1,1,1,1,1,1,3,2} - \Sigma_{1,1,1,1,1,1,4,1} + 4\Sigma_{1,1,1,1,1,2}\Sigma_4 - \Sigma_{1,1,1,1,1,2,1,3} - \Sigma_{1,1,1,1,1,2,2,2} - \Sigma_{1,1,1,1,1,2,3,1}(22.400)$$

$$+ 4\Sigma_{1,1,1,1,1,3}\Sigma_3 - \Sigma_{1,1,1,1,1,3,1,2} - \Sigma_{1,1,1,1,1,3,2,1} + 4\Sigma_{1,1,1,1,1,4}\Sigma_2 - \Sigma_{1,1,1,1,1,4,1,1} + 4\Sigma_{1,1,1,1,2}\Sigma_{1,4}(21.600)$$

$$+ 4\Sigma_{1,1,1,1,2}\Sigma_{2,3} + 4\Sigma_{1,1,1,1,2}\Sigma_{3,2} + 4\Sigma_{1,1,1,1,2}\Sigma_{4,1} + 4\Sigma_{1,1,1,1,2,1}\Sigma_4 - \Sigma_{1,1,1,1,2,1,1,3}(20.300)$$

$$- \Sigma_{1,1,1,1,2,1,2,2} - \Sigma_{1,1,1,1,2,1,3,1} + 4\Sigma_{1,1,1,1,2,2}\Sigma_3 - \Sigma_{1,1,1,1,2,2,1,2} - \Sigma_{1,1,1,1,2,2,2,1} + 4\Sigma_{1,1,1,1,2,3}\Sigma_2 - \Sigma_{1,1,1,1,2,3,1,1}(22.300)$$

$$+ 4\Sigma_{1,1,1,1,3}\Sigma_{1,3} + 4\Sigma_{1,1,1,1,3}\Sigma_{2,2} + 4\Sigma_{1,1,1,1,3}\Sigma_{3,1} + 4\Sigma_{1,1,1,1,3,1}\Sigma_3 - \Sigma_{1,1,1,1,3,1,1,2}(20.300)$$

$$- \Sigma_{1,1,1,1,3,1,2,1} + 4\Sigma_{1,1,1,1,3,2}\Sigma_2 - \Sigma_{1,1,1,1,3,2,1,1} + 4\Sigma_{1,1,1,1,4}\Sigma_{1,2} + 4\Sigma_{1,1,1,1,4}\Sigma_{2,1} + 4\Sigma_{1,1,1,1,4,1}\Sigma_2(23.400)$$

$$- \Sigma_{1,1,1,1,4,1,1,1} + 4\Sigma_{1,1,1,2}\Sigma_{1,1,4} + 4\Sigma_{1,1,1,2}\Sigma_{1,2,3} + 4\Sigma_{1,1,1,2}\Sigma_{1,3,2} + 4\Sigma_{1,1,1,2}\Sigma_{1,4,1} - 20\Sigma_{1,1,1,2}\Sigma_2\Sigma_4(27.000)$$

$$+ 4\Sigma_{1,1,1,2}\Sigma_{2,1,3} + 4\Sigma_{1,1,1,2}\Sigma_{2,2,2} + 4\Sigma_{1,1,1,2}\Sigma_{2,3,1} - 10\Sigma_{1,1,1,2}\Sigma_3^2 + 4\Sigma_{1,1,1,2}\Sigma_{3,1,2}(22.900)$$

$$+ 4\Sigma_{1,1,1,2}\Sigma_{3,2,1} + 4\Sigma_{1,1,1,2}\Sigma_{4,1,1} + 4\Sigma_{1,1,1,2,1}\Sigma_{1,4} + 4\Sigma_{1,1,1,2,1}\Sigma_{2,3} + 4\Sigma_{1,1,1,2,1}\Sigma_{3,2}(21.500)$$

$$+ 4\Sigma_{1,1,1,2,1}\Sigma_{4,1} + 4\Sigma_{1,1,1,2,1,1}\Sigma_4 - \Sigma_{1,1,1,2,1,1,1,3} - \Sigma_{1,1,1,2,1,1,2,2} - \Sigma_{1,1,1,2,1,1,3,1} + 4\Sigma_{1,1,1,2,1,2}\Sigma_3(21.600)$$

$$- \Sigma_{1,1,1,2,1,2,1,2} - \Sigma_{1,1,1,2,1,2,2,1} + 4\Sigma_{1,1,1,2,1,3}\Sigma_2 - \Sigma_{1,1,1,2,1,3,1,1} + 4\Sigma_{1,1,1,2,2}\Sigma_{1,3} + 4\Sigma_{1,1,1,2,2}\Sigma_{2,2}(21.000)$$

$$+ 4\Sigma_{1,1,1,2,2}\Sigma_{3,1} + 4\Sigma_{1,1,1,2,2,1}\Sigma_3 - \Sigma_{1,1,1,2,2,1,1,2} - \Sigma_{1,1,1,2,2,1,2,1} + 4\Sigma_{1,1,1,2,2,2}\Sigma_2 - \Sigma_{1,1,1,2,2,2,1,1}(21.600)$$

$$+ 4\Sigma_{1,1,1,2,3}\Sigma_{1,2} + 4\Sigma_{1,1,1,2,3}\Sigma_{2,1} + 4\Sigma_{1,1,1,2,3,1}\Sigma_2 - \Sigma_{1,1,1,2,3,1,1,1} + 4\Sigma_{1,1,1,3}\Sigma_{1,1,3}(20.300)$$

$$+ 4\Sigma_{1,1,1,3}\Sigma_{1,2,2} + 4\Sigma_{1,1,1,3}\Sigma_{1,3,1} - 20\Sigma_{1,1,1,3}\Sigma_2\Sigma_3 + 4\Sigma_{1,1,1,3}\Sigma_{2,1,2}(20.200)$$

$$+ 4\Sigma_{1,1,1,3}\Sigma_{2,2,1} + 4\Sigma_{1,1,1,3}\Sigma_{3,1,1} + 4\Sigma_{1,1,1,3,1}\Sigma_{1,3} + 4\Sigma_{1,1,1,3,1}\Sigma_{2,2} + 4\Sigma_{1,1,1,3,1}\Sigma_{3,1}(21.500)$$

$$+ 4\Sigma_{1,1,1,3,1,1}\Sigma_3 - \Sigma_{1,1,1,3,1,1,1,2} - \Sigma_{1,1,1,3,1,1,2,1} + 4\Sigma_{1,1,1,3,1,2}\Sigma_2 - \Sigma_{1,1,1,3,1,2,1,1} + 4\Sigma_{1,1,1,3,2}\Sigma_{1,2}(21.600)$$

$$+ 4\Sigma_{1,1,1,3,2}\Sigma_{2,1} + 4\Sigma_{1,1,1,3,2,1}\Sigma_2 - \Sigma_{1,1,1,3,2,1,1,1} + 4\Sigma_{1,1,1,4}\Sigma_{1,1,2} + 4\Sigma_{1,1,1,4}\Sigma_{1,2,1}(20.300)$$

$$- 10\Sigma_{1,1,1,4}\Sigma_2^2 + 4\Sigma_{1,1,1,4}\Sigma_{2,1,1} + 4\Sigma_{1,1,1,4,1}\Sigma_{1,2} + 4\Sigma_{1,1,1,4,1}\Sigma_{2,1} + 4\Sigma_{1,1,1,4,1,1}\Sigma_2(23.500)$$

$$- \Sigma_{1,1,1,4,1,1,1,1} + 4\Sigma_{1,1,2}\Sigma_{1,1,2,3} + 4\Sigma_{1,1,2}\Sigma_{1,1,3,2} + 4\Sigma_{1,1,2}\Sigma_{1,1,4,1} - 20\Sigma_{1,1,2}\Sigma_{1,2}\Sigma_4(22.100)$$

$$+ 4\Sigma_{1,1,2}\Sigma_{1,2,1,3} + 4\Sigma_{1,1,2}\Sigma_{1,2,2,2} + 4\Sigma_{1,1,2}\Sigma_{1,2,3,1} - 20\Sigma_{1,1,2}\Sigma_{1,3}\Sigma_3 + 4\Sigma_{1,1,2}\Sigma_{1,3,1,2}(23.900)$$

$$+ 4\Sigma_{1,1,2}\Sigma_{1,3,2,1} - 20\Sigma_{1,1,2}\Sigma_{1,4}\Sigma_2 + 4\Sigma_{1,1,2}\Sigma_{1,4,1,1} - 20\Sigma_{1,1,2}\Sigma_2\Sigma_{2,3}(22.000)$$

$$- 20\Sigma_{1,1,2}\Sigma_2\Sigma_{3,2} - 20\Sigma_{1,1,2}\Sigma_2\Sigma_{4,1} - 20\Sigma_{1,1,2}\Sigma_{2,1}\Sigma_4(20.100)$$

$$+ 4\Sigma_{1,1,2}\Sigma_{2,1,1,3} + 4\Sigma_{1,1,2}\Sigma_{2,1,2,2} + 4\Sigma_{1,1,2}\Sigma_{2,1,3,1} - 20\Sigma_{1,1,2}\Sigma_{2,2}\Sigma_3 + 4\Sigma_{1,1,2}\Sigma_{2,2,1,2}(23.900)$$

$$+ 4\Sigma_{1,1,2}\Sigma_{2,2,2,1} + 4\Sigma_{1,1,2}\Sigma_{2,3,1,1} - 20\Sigma_{1,1,2}\Sigma_3\Sigma_{3,1} + 4\Sigma_{1,1,2}\Sigma_{3,1,1,2} + 4\Sigma_{1,1,2}\Sigma_{3,1,2,1}(23.900)$$

$$+ 4\Sigma_{1,1,2}\Sigma_{3,2,1,1} + 4\Sigma_{1,1,2}\Sigma_{4,1,1,1} + 4\Sigma_{1,1,2,1}\Sigma_{1,1,4} + 4\Sigma_{1,1,2,1}\Sigma_{1,2,3} + 4\Sigma_{1,1,2,1}\Sigma_{1,3,2}(21.500)$$

$$+ 4\Sigma_{1,1,2,1}\Sigma_{1,4,1} - 20\Sigma_{1,1,2,1}\Sigma_2\Sigma_4 + 4\Sigma_{1,1,2,1}\Sigma_{2,1,3} + 4\Sigma_{1,1,2,1}\Sigma_{2,2,2}(20.200)$$

$$+ 4\Sigma_{1,1,2,1}\Sigma_{2,3,1} - 10\Sigma_{1,1,2,1}\Sigma_3^2 + 4\Sigma_{1,1,2,1}\Sigma_{3,1,2} + 4\Sigma_{1,1,2,1}\Sigma_{3,2,1} + 4\Sigma_{1,1,2,1}\Sigma_{4,1,1}(22.900)$$

$$+ 4\Sigma_{1,1,2,1,1}\Sigma_{1,4} + 4\Sigma_{1,1,2,1,1}\Sigma_{2,3} + 4\Sigma_{1,1,2,1,1}\Sigma_{3,2} + 4\Sigma_{1,1,2,1,1}\Sigma_{4,1} + 4\Sigma_{1,1,2,1,1,1}\Sigma_4(22.100)$$

$$- \Sigma_{1,1,2,1,1,1,1,3} - \Sigma_{1,1,2,1,1,1,2,2} - \Sigma_{1,1,2,1,1,1,3,1} + 4\Sigma_{1,1,2,1,1,2}\Sigma_3 - \Sigma_{1,1,2,1,1,2,1,2} - \Sigma_{1,1,2,1,1,2,2,1} + 4\Sigma_{1,1,2,1,1,3}\Sigma_2(22.300)$$

$$- \Sigma_{1,1,2,1,1,3,1,1} + 4\Sigma_{1,1,2,1,2}\Sigma_{1,3} + 4\Sigma_{1,1,2,1,2}\Sigma_{2,2} + 4\Sigma_{1,1,2,1,2}\Sigma_{3,1} + 4\Sigma_{1,1,2,1,2,1}\Sigma_3(20.300)$$

$$- \Sigma_{1,1,2,1,2,1,1,2} - \Sigma_{1,1,2,1,2,1,2,1} + 4\Sigma_{1,1,2,1,2,2}\Sigma_2 - \Sigma_{1,1,2,1,2,2,1,1} + 4\Sigma_{1,1,2,1,3}\Sigma_{1,2} + 4\Sigma_{1,1,2,1,3}\Sigma_{2,1}(21.000)$$

$$+ 4\Sigma_{1,1,2,1,3,1}\Sigma_2 - \Sigma_{1,1,2,1,3,1,1,1} + 4\Sigma_{1,1,2,2}\Sigma_{1,1,3} + 4\Sigma_{1,1,2,2}\Sigma_{1,2,2} + 4\Sigma_{1,1,2,2}\Sigma_{1,3,1}(20.300)$$

$$- 20\Sigma_{1,1,2,2}\Sigma_2\Sigma_3 + 4\Sigma_{1,1,2,2}\Sigma_{2,1,2} + 4\Sigma_{1,1,2,2}\Sigma_{2,2,1} + 4\Sigma_{1,1,2,2}\Sigma_{3,1,1}(20.200)$$

$$+ 4\Sigma_{1,1,2,2,1}\Sigma_{1,3} + 4\Sigma_{1,1,2,2,1}\Sigma_{2,2} + 4\Sigma_{1,1,2,2,1}\Sigma_{3,1} + 4\Sigma_{1,1,2,2,1,1}\Sigma_3 - \Sigma_{1,1,2,2,1,1,1,2}(20.300)$$

$$- \Sigma_{1,1,2,2,1,1,2,1} + 4\Sigma_{1,1,2,2,1,2}\Sigma_2 - \Sigma_{1,1,2,2,1,2,1,1} + 4\Sigma_{1,1,2,2,2}\Sigma_{1,2} + 4\Sigma_{1,1,2,2,2}\Sigma_{2,1} + 4\Sigma_{1,1,2,2,2,1}\Sigma_2(23.400)$$

$$- \Sigma_{1,1,2,2,2,1,1,1} + 4\Sigma_{1,1,2,3}\Sigma_{1,2,1} - 10\Sigma_{1,1,2,3}\Sigma_2^2 + 4\Sigma_{1,1,2,3}\Sigma_{2,1,1} + 4\Sigma_{1,1,2,3,1}\Sigma_{1,2}(21.100)$$

$$+ 4\Sigma_{1,1,2,3,1}\Sigma_{2,1} + 4\Sigma_{1,1,2,3,1,1}\Sigma_2 - \Sigma_{1,1,2,3,1,1,1,1} + 4\Sigma_{1,1,3}\Sigma_{1,1,3,1} - 20\Sigma_{1,1,3}\Sigma_{1,2}\Sigma_3(22.700)$$

$$+ 4\Sigma_{1,1,3}\Sigma_{1,2,1,2} + 4\Sigma_{1,1,3}\Sigma_{1,2,2,1} - 20\Sigma_{1,1,3}\Sigma_{1,3}\Sigma_2 + 4\Sigma_{1,1,3}\Sigma_{1,3,1,1} - 20\Sigma_{1,1,3}\Sigma_2\Sigma_{2,2}(26.300)$$

$$- 20\Sigma_{1,1,3}\Sigma_2\Sigma_{3,1} - 20\Sigma_{1,1,3}\Sigma_{2,1}\Sigma_3 + 4\Sigma_{1,1,3}\Sigma_{2,1,1,2} + 4\Sigma_{1,1,3}\Sigma_{2,1,2,1}(22.000)$$

$$+ 4\Sigma_{1,1,3}\Sigma_{2,2,1,1} + 4\Sigma_{1,1,3}\Sigma_{3,1,1,1} + 4\Sigma_{1,1,3,1}\Sigma_{1,2,2} + 4\Sigma_{1,1,3,1}\Sigma_{1,3,1} - 20\Sigma_{1,1,3,1}\Sigma_2\Sigma_3(24.500)$$

$$+ 4\Sigma_{1,1,3,1}\Sigma_{2,1,2} + 4\Sigma_{1,1,3,1}\Sigma_{2,2,1} + 4\Sigma_{1,1,3,1}\Sigma_{3,1,1} + 4\Sigma_{1,1,3,1,1}\Sigma_{1,3} + 4\Sigma_{1,1,3,1,1}\Sigma_{2,2}(21.500)$$

$$+ 4\Sigma_{1,1,3,1,1}\Sigma_{3,1} + 4\Sigma_{1,1,3,1,1,1}\Sigma_3 - \Sigma_{1,1,3,1,1,1,1,2} - \Sigma_{1,1,3,1,1,1,2,1} + 4\Sigma_{1,1,3,1,1,2}\Sigma_2 - \Sigma_{1,1,3,1,1,2,1,1}(21.600)$$

$$+ 4\Sigma_{1,1,3,1,2}\Sigma_{1,2} + 4\Sigma_{1,1,3,1,2}\Sigma_{2,1} + 4\Sigma_{1,1,3,1,2,1}\Sigma_2 - \Sigma_{1,1,3,1,2,1,1,1} + 4\Sigma_{1,1,3,2}\Sigma_{1,2,1}(20.300)$$

$$- 10\Sigma_{1,1,3,2}\Sigma_2^2 + 4\Sigma_{1,1,3,2}\Sigma_{2,1,1} + 4\Sigma_{1,1,3,2,1}\Sigma_{1,2} + 4\Sigma_{1,1,3,2,1}\Sigma_{2,1} + 4\Sigma_{1,1,3,2,1,1}\Sigma_2(23.500)$$

$$- \Sigma_{1,1,3,2,1,1,1,1} - 20\Sigma_{1,1,4}\Sigma_{1,2}\Sigma_2 + 4\Sigma_{1,1,4}\Sigma_{1,2,1,1} - 20\Sigma_{1,1,4}\Sigma_2\Sigma_{2,1}(20.200)$$

$$+ 4\Sigma_{1,1,4}\Sigma_{2,1,1,1} + 4\Sigma_{1,1,4,1}\Sigma_{1,2,1} - 10\Sigma_{1,1,4,1}\Sigma_2^2 + 4\Sigma_{1,1,4,1}\Sigma_{2,1,1} + 4\Sigma_{1,1,4,1,1}\Sigma_{1,2}(22.900)$$

$$+ 4\Sigma_{1,1,4,1,1}\Sigma_{2,1} + 4\Sigma_{1,1,4,1,1,1}\Sigma_2 - \Sigma_{1,1,4,1,1,1,1,1} - 10\Sigma_{1,2}^2\Sigma_{1,4} - 10\Sigma_{1,2}^2\Sigma_{2,3}(21.900)$$

$$-10\Sigma_{1,2}^2\Sigma_{3,2} - 10\Sigma_{1,2}^2\Sigma_{4,1} - 20\Sigma_{1,2}\Sigma_{1,2,1}\Sigma_4 + 4\Sigma_{1,2}\Sigma_{1,2,1,1,3}(21.200)$$

$$+ 4\Sigma_{1,2}\Sigma_{1,2,1,2,2} + 4\Sigma_{1,2}\Sigma_{1,2,1,3,1} - 20\Sigma_{1,2}\Sigma_{1,2,2}\Sigma_3 + 4\Sigma_{1,2}\Sigma_{1,2,2,1,2} + 4\Sigma_{1,2}\Sigma_{1,2,2,2,1}(23.900)$$

$$- 20\Sigma_{1,2}\Sigma_{1,2,3}\Sigma_2 + 4\Sigma_{1,2}\Sigma_{1,2,3,1,1} - 10\Sigma_{1,2}\Sigma_{1,3}^2 - 20\Sigma_{1,2}\Sigma_{1,3}\Sigma_{2,2}(22.200)$$

$$- 20\Sigma_{1,2}\Sigma_{1,3}\Sigma_{3,1} - 20\Sigma_{1,2}\Sigma_{1,3,1}\Sigma_3 + 4\Sigma_{1,2}\Sigma_{1,3,1,1,2} + 4\Sigma_{1,2}\Sigma_{1,3,1,2,1}(21.400)$$

$$- 20\Sigma_{1,2}\Sigma_{1,3,2}\Sigma_2 + 4\Sigma_{1,2}\Sigma_{1,3,2,1,1} - 20\Sigma_{1,2}\Sigma_{1,4}\Sigma_{2,1} - 20\Sigma_{1,2}\Sigma_{1,4,1}\Sigma_2(23.800)$$

$$+ 4\Sigma_{1,2}\Sigma_{1,4,1,1,1} + 60\Sigma_{1,2}\Sigma_2^2\Sigma_4 - 20\Sigma_{1,2}\Sigma_2\Sigma_{2,1,3} - 20\Sigma_{1,2}\Sigma_2\Sigma_{2,2,2}(25.000)$$

$$- 20\Sigma_{1,2}\Sigma_2\Sigma_{2,3,1} + 60\Sigma_{1,2}\Sigma_2\Sigma_3^2 - 20\Sigma_{1,2}\Sigma_2\Sigma_{3,1,2}(20.700)$$

$$- 20\Sigma_{1,2}\Sigma_2\Sigma_{3,2,1} - 20\Sigma_{1,2}\Sigma_2\Sigma_{4,1,1} - 20\Sigma_{1,2}\Sigma_{2,1}\Sigma_{2,3} - 20\Sigma_{1,2}\Sigma_{2,1}\Sigma_{3,2}(25.600)$$

$$- 20\Sigma_{1,2}\Sigma_{2,1}\Sigma_{4,1} - 20\Sigma_{1,2}\Sigma_{2,1,1}\Sigma_4 + 4\Sigma_{1,2}\Sigma_{2,1,1,1,3} + 4\Sigma_{1,2}\Sigma_{2,1,1,2,2}(21.400)$$

$$+ 4\Sigma_{1,2}\Sigma_{2,1,1,3,1} - 20\Sigma_{1,2}\Sigma_{2,1,2}\Sigma_3 + 4\Sigma_{1,2}\Sigma_{2,1,2,1,2} + 4\Sigma_{1,2}\Sigma_{2,1,2,2,1} + 4\Sigma_{1,2}\Sigma_{2,1,3,1,1}(23.900)$$

$$- 10\Sigma_{1,2}\Sigma_{2,2}^2 - 20\Sigma_{1,2}\Sigma_{2,2}\Sigma_{3,1} - 20\Sigma_{1,2}\Sigma_{2,2,1}\Sigma_3 + 4\Sigma_{1,2}\Sigma_{2,2,1,1,2}(22.200)$$

$$+ 4\Sigma_{1,2}\Sigma_{2,2,1,2,1} + 4\Sigma_{1,2}\Sigma_{2,2,2,1,1} + 4\Sigma_{1,2}\Sigma_{2,3,1,1,1} - 20\Sigma_{1,2}\Sigma_3\Sigma_{3,1,1} - 10\Sigma_{1,2}\Sigma_{3,1}^2(24.700)$$

$$+ 4\Sigma_{1,2}\Sigma_{3,1,1,1,2} + 4\Sigma_{1,2}\Sigma_{3,1,1,2,1} + 4\Sigma_{1,2}\Sigma_{3,1,2,1,1} + 4\Sigma_{1,2}\Sigma_{3,2,1,1,1} + 4\Sigma_{1,2}\Sigma_{4,1,1,1,1}(21.500)$$

$$+ 4\Sigma_{1,2,1}\Sigma_{1,2,1,3} + 4\Sigma_{1,2,1}\Sigma_{1,2,2,2} + 4\Sigma_{1,2,1}\Sigma_{1,2,3,1} - 20\Sigma_{1,2,1}\Sigma_{1,3}\Sigma_3 + 4\Sigma_{1,2,1}\Sigma_{1,3,1,2}(23.900)$$

$$+ 4\Sigma_{1,2,1}\Sigma_{1,3,2,1} - 20\Sigma_{1,2,1}\Sigma_{1,4}\Sigma_2 + 4\Sigma_{1,2,1}\Sigma_{1,4,1,1} - 20\Sigma_{1,2,1}\Sigma_2\Sigma_{2,3}(22.000)$$

$$- 20\Sigma_{1,2,1}\Sigma_2\Sigma_{3,2} - 20\Sigma_{1,2,1}\Sigma_2\Sigma_{4,1} - 20\Sigma_{1,2,1}\Sigma_{2,1}\Sigma_4(20.100)$$

$$+ 4\Sigma_{1,2,1}\Sigma_{2,1,1,3} + 4\Sigma_{1,2,1}\Sigma_{2,1,2,2} + 4\Sigma_{1,2,1}\Sigma_{2,1,3,1} - 20\Sigma_{1,2,1}\Sigma_{2,2}\Sigma_3 + 4\Sigma_{1,2,1}\Sigma_{2,2,1,2}(23.900)$$

$$+ 4\Sigma_{1,2,1}\Sigma_{2,2,2,1} + 4\Sigma_{1,2,1}\Sigma_{2,3,1,1} - 20\Sigma_{1,2,1}\Sigma_3\Sigma_{3,1} + 4\Sigma_{1,2,1}\Sigma_{3,1,1,2} + 4\Sigma_{1,2,1}\Sigma_{3,1,2,1}(23.900)$$

$$+ 4\Sigma_{1,2,1}\Sigma_{3,2,1,1} + 4\Sigma_{1,2,1}\Sigma_{4,1,1,1} + 4\Sigma_{1,2,1,1}\Sigma_{1,2,3} + 4\Sigma_{1,2,1,1}\Sigma_{1,3,2} + 4\Sigma_{1,2,1,1}\Sigma_{1,4,1}(21.500)$$

$$- 20\Sigma_{1,2,1,1}\Sigma_2\Sigma_4 + 4\Sigma_{1,2,1,1}\Sigma_{2,1,3} + 4\Sigma_{1,2,1,1}\Sigma_{2,2,2} + 4\Sigma_{1,2,1,1}\Sigma_{2,3,1}(20.200)$$

$$- 10\Sigma_{1,2,1,1}\Sigma_3^2 + 4\Sigma_{1,2,1,1}\Sigma_{3,1,2} + 4\Sigma_{1,2,1,1}\Sigma_{3,2,1} + 4\Sigma_{1,2,1,1}\Sigma_{4,1,1} + 4\Sigma_{1,2,1,1,1}\Sigma_{1,4}(22.900)$$

$$+ 4\Sigma_{1,2,1,1,1}\Sigma_{2,3} + 4\Sigma_{1,2,1,1,1}\Sigma_{3,2} + 4\Sigma_{1,2,1,1,1}\Sigma_{4,1} + 4\Sigma_{1,2,1,1,1,1}\Sigma_4 - \Sigma_{1,2,1,1,1,1,1,3}(20.300)$$

$$- \Sigma_{1,2,1,1,1,1,2,2} - \Sigma_{1,2,1,1,1,1,3,1} + 4\Sigma_{1,2,1,1,1,2}\Sigma_3 - \Sigma_{1,2,1,1,1,2,1,2} - \Sigma_{1,2,1,1,1,2,2,1} + 4\Sigma_{1,2,1,1,1,3}\Sigma_2 - \Sigma_{1,2,1,1,1,3,1,1}(22.300)$$

$$+ 4\Sigma_{1,2,1,1,2}\Sigma_{1,3} + 4\Sigma_{1,2,1,1,2}\Sigma_{2,2} + 4\Sigma_{1,2,1,1,2}\Sigma_{3,1} + 4\Sigma_{1,2,1,1,2,1}\Sigma_3 - \Sigma_{1,2,1,1,2,1,1,2}(20.300)$$

$$- \Sigma_{1,2,1,1,2,1,2,1} + 4\Sigma_{1,2,1,1,2,2}\Sigma_2 - \Sigma_{1,2,1,1,2,2,1,1} + 4\Sigma_{1,2,1,1,3}\Sigma_{2,1} + 4\Sigma_{1,2,1,1,3,1}\Sigma_2 - \Sigma_{1,2,1,1,3,1,1,1}(21.600)$$

$$+ 4\Sigma_{1,2,1,2}\Sigma_{1,2,2} + 4\Sigma_{1,2,1,2}\Sigma_{1,3,1} - 20\Sigma_{1,2,1,2}\Sigma_2\Sigma_3 + 4\Sigma_{1,2,1,2}\Sigma_{2,1,2}(20.200)$$

$$+ 4\Sigma_{1,2,1,2}\Sigma_{2,2,1} + 4\Sigma_{1,2,1,2}\Sigma_{3,1,1} + 4\Sigma_{1,2,1,2,1}\Sigma_{1,3} + 4\Sigma_{1,2,1,2,1}\Sigma_{2,2} + 4\Sigma_{1,2,1,2,1}\Sigma_{3,1}(21.500)$$

$$+ 4\Sigma_{1,2,1,2,1,1}\Sigma_{3} - \Sigma_{1,2,1,2,1,1,1,2} - \Sigma_{1,2,1,2,1,1,2,1} + 4\Sigma_{1,2,1,2,1,2}\Sigma_{2} - \Sigma_{1,2,1,2,1,2,1,1} + 4\Sigma_{1,2,1,2,2}\Sigma_{2,1}(21.600)$$

$$+ 4\Sigma_{1,2,1,2,2,1}\Sigma_{2} - \Sigma_{1,2,1,2,2,1,1,1} - 10\Sigma_{1,2,1,3}\Sigma_{2}^{2} + 4\Sigma_{1,2,1,3}\Sigma_{2,1,1} + 4\Sigma_{1,2,1,3,1}\Sigma_{2,1}(21.700)$$

$$+ 4\Sigma_{1,2,1,3,1,1}\Sigma_{2} - \Sigma_{1,2,1,3,1,1,1,1} + 4\Sigma_{1,2,2}\Sigma_{1,2,2,1} - 20\Sigma_{1,2,2}\Sigma_{1,3}\Sigma_{2} + 4\Sigma_{1,2,2}\Sigma_{1,3,1,1}(22.700)$$

$$- 20\Sigma_{1,2,2}\Sigma_{2}\Sigma_{2,2} - 20\Sigma_{1,2,2}\Sigma_{2}\Sigma_{3,1} - 20\Sigma_{1,2,2}\Sigma_{2,1}\Sigma_{3}(20.100)$$

$$+ 4\Sigma_{1,2,2}\Sigma_{2,1,1,2} + 4\Sigma_{1,2,2}\Sigma_{2,1,2,1} + 4\Sigma_{1,2,2}\Sigma_{2,2,1,1} + 4\Sigma_{1,2,2}\Sigma_{3,1,1,1} + 4\Sigma_{1,2,2,1}\Sigma_{1,3,1}(21.500)$$

$$- 20\Sigma_{1,2,2,1}\Sigma_{2}\Sigma_{3} + 4\Sigma_{1,2,2,1}\Sigma_{2,1,2} + 4\Sigma_{1,2,2,1}\Sigma_{2,2,1} + 4\Sigma_{1,2,2,1}\Sigma_{3,1,1}(20.200)$$

$$+ 4\Sigma_{1,2,2,1,1}\Sigma_{1,3} + 4\Sigma_{1,2,2,1,1}\Sigma_{2,2} + 4\Sigma_{1,2,2,1,1}\Sigma_{3,1} + 4\Sigma_{1,2,2,1,1,1}\Sigma_{3} - \Sigma_{1,2,2,1,1,1,1,2}(20.300)$$

$$- \Sigma_{1,2,2,1,1,1,2,1} + 4\Sigma_{1,2,2,1,1,2}\Sigma_{2} - \Sigma_{1,2,2,1,1,2,1,1} + 4\Sigma_{1,2,2,1,2}\Sigma_{2,1} + 4\Sigma_{1,2,2,1,2,1}\Sigma_{2} - \Sigma_{1,2,2,1,2,1,1,1}(21.600)$$

$$- 10\Sigma_{1,2,2,2}\Sigma_{2}^{2} + 4\Sigma_{1,2,2,2}\Sigma_{2,1,1} + 4\Sigma_{1,2,2,2,1}\Sigma_{2,1} + 4\Sigma_{1,2,2,2,1,1}\Sigma_{2} - \Sigma_{1,2,2,2,1,1,1,1}(21.700)$$

$$- 20\Sigma_{1,2,3}\Sigma_{2}\Sigma_{2,1} + 4\Sigma_{1,2,3}\Sigma_{2,1,1,1} - 10\Sigma_{1,2,3,1}\Sigma_{2}^{2} + 4\Sigma_{1,2,3,1}\Sigma_{2,1,1}(21.000)$$

$$+ 4\Sigma_{1,2,3,1,1}\Sigma_{2,1} + 4\Sigma_{1,2,3,1,1,1}\Sigma_{2} - \Sigma_{1,2,3,1,1,1,1,1} - 10\Sigma_{1,3}^{2}\Sigma_{2,1} - 20\Sigma_{1,3}\Sigma_{1,3,1}\Sigma_{2}(23.500)$$

$$+ 4\Sigma_{1,3}\Sigma_{1,3,1,1,1} + 60\Sigma_{1,3}\Sigma_{2}^{2}\Sigma_{3} - 20\Sigma_{1,3}\Sigma_{2}\Sigma_{2,1,2} - 20\Sigma_{1,3}\Sigma_{2}\Sigma_{2,2,1}(25.000)$$

$$- 20\Sigma_{1,3}\Sigma_{2}\Sigma_{3,1,1} - 20\Sigma_{1,3}\Sigma_{2,1}\Sigma_{2,2} - 20\Sigma_{1,3}\Sigma_{2,1}\Sigma_{3,1} - 20\Sigma_{1,3}\Sigma_{2,1,1}\Sigma_{3}(25.600)$$

$$+ 4\Sigma_{1,3}\Sigma_{2,1,1,2} + 4\Sigma_{1,3}\Sigma_{2,1,1,2,1} + 4\Sigma_{1,3}\Sigma_{2,1,2,1,1} + 4\Sigma_{1,3}\Sigma_{2,2,1,1,1} + 4\Sigma_{1,3}\Sigma_{3,1,1,1,1}(21.500)$$

$$+ 4\Sigma_{1,3,1}\Sigma_{1,3,1,1} - 20\Sigma_{1,3,1}\Sigma_{2}\Sigma_{2,2} - 20\Sigma_{1,3,1}\Sigma_{2}\Sigma_{3,1} - 20\Sigma_{1,3,1}\Sigma_{2,1}\Sigma_{3}(24.400)$$

$$+ 4\Sigma_{1,3,1}\Sigma_{2,1,1,2} + 4\Sigma_{1,3,1}\Sigma_{2,1,2,1} + 4\Sigma_{1,3,1}\Sigma_{2,2,1,1} + 4\Sigma_{1,3,1}\Sigma_{3,1,1,1} - 20\Sigma_{1,3,1,1}\Sigma_{2}\Sigma_{3}(24.500)$$

$$+ 4\Sigma_{1,3,1,1}\Sigma_{2,1,2} + 4\Sigma_{1,3,1,1}\Sigma_{2,2,1} + 4\Sigma_{1,3,1,1}\Sigma_{3,1,1} + 4\Sigma_{1,3,1,1,1}\Sigma_{2,2} + 4\Sigma_{1,3,1,1,1}\Sigma_{3,1}(21.500)$$

$$+ 4\Sigma_{1,3,1,1,1,1}\Sigma_{3} - \Sigma_{1,3,1,1,1,1,1,2} - \Sigma_{1,3,1,1,1,1,2,1} + 4\Sigma_{1,3,1,1,1,2}\Sigma_{2} - \Sigma_{1,3,1,1,1,2,1,1} + 4\Sigma_{1,3,1,1,2}\Sigma_{2,1}(21.600)$$

$$+ 4\Sigma_{1,3,1,1,2,1}\Sigma_{2} - \Sigma_{1,3,1,1,2,1,1,1} - 10\Sigma_{1,3,1,2}\Sigma_{2}^{2} + 4\Sigma_{1,3,1,2}\Sigma_{2,1,1} + 4\Sigma_{1,3,1,2,1}\Sigma_{2,1}(21.700)$$

$$+ 4\Sigma_{1,3,1,2,1,1}\Sigma_{2} - \Sigma_{1,3,1,2,1,1,1,1} - 20\Sigma_{1,3,2}\Sigma_{2}\Sigma_{2,1} + 4\Sigma_{1,3,2}\Sigma_{2,1,1,1} - 10\Sigma_{1,3,2,1}\Sigma_{2}^{2}(24.100)$$

$$+ 4\Sigma_{1,3,2,1}\Sigma_{2,1,1} + 4\Sigma_{1,3,2,1,1}\Sigma_{2,1} + 4\Sigma_{1,3,2,1,1,1}\Sigma_{2} - \Sigma_{1,3,2,1,1,1,1,1} + 20\Sigma_{1,4}\Sigma_{2}^{3}(21.700)$$

$$- 20\Sigma_{1,4}\Sigma_{2}\Sigma_{2,1,1} - 10\Sigma_{1,4}\Sigma_{2,1}^{2} + 4\Sigma_{1,4}\Sigma_{2,1,1,1,1} - 20\Sigma_{1,4,1}\Sigma_{2}\Sigma_{2,1}(22.800)$$

$$+ 4\Sigma_{1,4,1}\Sigma_{2,1,1,1} - 10\Sigma_{1,4,1,1}\Sigma_{2}^{2} + 4\Sigma_{1,4,1,1}\Sigma_{2,1,1} + 4\Sigma_{1,4,1,1,1}\Sigma_{2,1} + 4\Sigma_{1,4,1,1,1,1,1}\Sigma_{2}(23.500)$$

$$- \Sigma_{1,4,1,1,1,1,1,1,1} + 20\Sigma_{2}^{3}\Sigma_{2,3} + 20\Sigma_{2}^{3}\Sigma_{3,2} + 20\Sigma_{2}^{3}\Sigma_{4,1} + 60\Sigma_{2}^{2}\Sigma_{2,1}\Sigma_{4}(26.900)$$

$$- 10\Sigma_{2}^{2}\Sigma_{2,1,1,3} - 10\Sigma_{2}^{2}\Sigma_{2,1,2,2} - 10\Sigma_{2}^{2}\Sigma_{2,1,3,1} + 60\Sigma_{2}^{2}\Sigma_{2,2}\Sigma_{3}(24.400)$$

$$- 10\Sigma_{2}^{2}\Sigma_{2,2,1,2} - 10\Sigma_{2}^{2}\Sigma_{2,2,2,1} - 10\Sigma_{2}^{2}\Sigma_{2,3,1,1} + 60\Sigma_{2}^{2}\Sigma_{3}\Sigma_{3,1}(24.400)$$

$$- 10\Sigma_2^2\Sigma_{3,1,1,2} - 10\Sigma_2^2\Sigma_{3,1,2,1} - 10\Sigma_2^2\Sigma_{3,2,1,1} - 10\Sigma_2^2\Sigma_{4,1,1,1}(22.800)$$

$$- 20\Sigma_2\Sigma_{2,1}\Sigma_{2,1,3} - 20\Sigma_2\Sigma_{2,1}\Sigma_{2,2,2} - 20\Sigma_2\Sigma_{2,1}\Sigma_{2,3,1}(20.100)$$

$$+ 60\Sigma_2\Sigma_{2,1}\Sigma_3^2 - 20\Sigma_2\Sigma_{2,1}\Sigma_{3,1,2} - 20\Sigma_2\Sigma_{2,1}\Sigma_{3,2,1}(20.700)$$

$$- 20\Sigma_2\Sigma_{2,1}\Sigma_{4,1,1} - 20\Sigma_2\Sigma_{2,1,1}\Sigma_{2,3} - 20\Sigma_2\Sigma_{2,1,1}\Sigma_{3,2}(20.100)$$

$$- 20\Sigma_2\Sigma_{2,1,1}\Sigma_{4,1} - 20\Sigma_2\Sigma_{2,1,1,1}\Sigma_4 + 4\Sigma_2\Sigma_{2,1,1,1,1,3} + 4\Sigma_2\Sigma_{2,1,1,1,2,2}(23.800)$$

$$+ 4\Sigma_2\Sigma_{2,1,1,1,3,1} - 20\Sigma_2\Sigma_{2,1,1,2}\Sigma_3 + 4\Sigma_2\Sigma_{2,1,1,2,1,2} + 4\Sigma_2\Sigma_{2,1,1,2,2,1}(22.000)$$

$$+ 4\Sigma_2\Sigma_{2,1,1,3,1,1} - 20\Sigma_2\Sigma_{2,1,2}\Sigma_{2,2} - 20\Sigma_2\Sigma_{2,1,2}\Sigma_{3,1} - 20\Sigma_2\Sigma_{2,1,2,1}\Sigma_3(25.600)$$

$$+ 4\Sigma_2\Sigma_{2,1,2,1,1,2} + 4\Sigma_2\Sigma_{2,1,2,1,2,1} + 4\Sigma_2\Sigma_{2,1,2,2,1,1} + 4\Sigma_2\Sigma_{2,1,3,1,1,1} - 20\Sigma_2\Sigma_{2,2}\Sigma_{2,2,1}(26.300)$$

$$- 20\Sigma_2\Sigma_{2,2}\Sigma_{3,1,1} - 20\Sigma_2\Sigma_{2,2,1}\Sigma_{3,1} - 20\Sigma_2\Sigma_{2,2,1,1}\Sigma_3(20.700)$$

$$+ 4\Sigma_2\Sigma_{2,2,1,1,1,2} + 4\Sigma_2\Sigma_{2,2,1,1,2,1} + 4\Sigma_2\Sigma_{2,2,1,2,1,1} + 4\Sigma_2\Sigma_{2,2,2,1,1,1} + 4\Sigma_2\Sigma_{2,3,1,1,1,1}(24.500)$$

$$- 20\Sigma_2\Sigma_3\Sigma_{3,1,1,1} - 20\Sigma_2\Sigma_{3,1}\Sigma_{3,1,1} + 4\Sigma_2\Sigma_{3,1,1,1,1,2} + 4\Sigma_2\Sigma_{3,1,1,1,2,1}(23.800)$$

$$+ 4\Sigma_2\Sigma_{3,1,1,2,1,1} + 4\Sigma_2\Sigma_{3,1,2,1,1,1} + 4\Sigma_2\Sigma_{3,2,1,1,1,1} + 4\Sigma_2\Sigma_{4,1,1,1,1,1} - 10\Sigma_{2,1}^2\Sigma_{2,3}(24.700)$$

$$- 10\Sigma_{2,1}^2\Sigma_{3,2} - 10\Sigma_{2,1}^2\Sigma_{4,1} - 20\Sigma_{2,1}\Sigma_{2,1,1}\Sigma_4 + 4\Sigma_{2,1}\Sigma_{2,1,1,1,3}(21.200)$$

$$+ 4\Sigma_{2,1}\Sigma_{2,1,1,2,2} + 4\Sigma_{2,1}\Sigma_{2,1,1,3,1} - 20\Sigma_{2,1}\Sigma_{2,1,2}\Sigma_3 + 4\Sigma_{2,1}\Sigma_{2,1,2,1,2} + 4\Sigma_{2,1}\Sigma_{2,1,2,2,1}(23.900)$$

$$+ 4\Sigma_{2,1}\Sigma_{2,1,3,1,1} - 10\Sigma_{2,1}\Sigma_{2,2}^2 - 20\Sigma_{2,1}\Sigma_{2,2}\Sigma_{3,1} - 20\Sigma_{2,1}\Sigma_{2,2,1}\Sigma_3(22.200)$$

$$+ 4\Sigma_{2,1}\Sigma_{2,2,1,1,2} + 4\Sigma_{2,1}\Sigma_{2,2,1,2,1} + 4\Sigma_{2,1}\Sigma_{2,2,2,1,1} + 4\Sigma_{2,1}\Sigma_{2,3,1,1,1} - 20\Sigma_{2,1}\Sigma_3\Sigma_{3,1,1}(23.900)$$

$$- 10\Sigma_{2,1}\Sigma_{3,1}^2 + 4\Sigma_{2,1}\Sigma_{3,1,1,1,2} + 4\Sigma_{2,1}\Sigma_{3,1,1,2,1} + 4\Sigma_{2,1}\Sigma_{3,1,2,1,1} + 4\Sigma_{2,1}\Sigma_{3,2,1,1,1}(22.300)$$

$$+ 4\Sigma_{2,1}\Sigma_{4,1,1,1,1} + 4\Sigma_{2,1,1}\Sigma_{2,1,1,3} + 4\Sigma_{2,1,1}\Sigma_{2,1,2,2} + 4\Sigma_{2,1,1}\Sigma_{2,1,3,1} - 20\Sigma_{2,1,1}\Sigma_{2,2}\Sigma_3(23.900)$$

$$+ 4\Sigma_{2,1,1}\Sigma_{2,2,1,2} + 4\Sigma_{2,1,1}\Sigma_{2,2,2,1} + 4\Sigma_{2,1,1}\Sigma_{2,3,1,1} - 20\Sigma_{2,1,1}\Sigma_3\Sigma_{3,1} + 4\Sigma_{2,1,1}\Sigma_{3,1,1,2}(23.900)$$

$$+ 4\Sigma_{2,1,1}\Sigma_{3,1,2,1} + 4\Sigma_{2,1,1}\Sigma_{3,2,1,1} + 4\Sigma_{2,1,1}\Sigma_{4,1,1,1} + 4\Sigma_{2,1,1,1}\Sigma_{2,1,3} + 4\Sigma_{2,1,1,1}\Sigma_{2,2,2}(21.500)$$

$$+ 4\Sigma_{2,1,1,1}\Sigma_{2,3,1} - 10\Sigma_{2,1,1,1}\Sigma_3^2 + 4\Sigma_{2,1,1,1}\Sigma_{3,1,2} + 4\Sigma_{2,1,1,1}\Sigma_{3,2,1} + 4\Sigma_{2,1,1,1}\Sigma_{4,1,1}(22.900)$$

$$+ 4\Sigma_{2,1,1,1,1}\Sigma_{2,3} + 4\Sigma_{2,1,1,1,1}\Sigma_{3,2} + 4\Sigma_{2,1,1,1,1}\Sigma_{4,1} + 4\Sigma_{2,1,1,1,1,1}\Sigma_4 - \Sigma_{2,1,1,1,1,1,1,3}(20.300)$$

$$- \Sigma_{2,1,1,1,1,1,2,2} - \Sigma_{2,1,1,1,1,1,3,1} + 4\Sigma_{2,1,1,1,1,2}\Sigma_3 - \Sigma_{2,1,1,1,1,2,1,2} - \Sigma_{2,1,1,1,1,2,2,1} - \Sigma_{2,1,1,1,1,3,1,1} + 4\Sigma_{2,1,1,1,2}\Sigma_{2,2}(21.700)$$

$$+ 4\Sigma_{2,1,1,1,2}\Sigma_{3,1} + 4\Sigma_{2,1,1,1,2,1}\Sigma_3 - \Sigma_{2,1,1,1,2,1,1,2} - \Sigma_{2,1,1,1,2,1,2,1} - \Sigma_{2,1,1,1,2,2,1,1} - \Sigma_{2,1,1,1,3,1,1,1} + 4\Sigma_{2,1,1,2}\Sigma_{2,1,2}(23.500)$$

$$+ 4\Sigma_{2,1,1,2}\Sigma_{2,2,1} + 4\Sigma_{2,1,1,2}\Sigma_{3,1,1} + 4\Sigma_{2,1,1,2,1}\Sigma_{2,2} + 4\Sigma_{2,1,1,2,1}\Sigma_{3,1} + 4\Sigma_{2,1,1,2,1,1}\Sigma_3(22.100)$$

$$- \Sigma_{2,1,1,2,1,1,1,2} - \Sigma_{2,1,1,2,1,1,2,1} - \Sigma_{2,1,1,2,1,2,1,1} - \Sigma_{2,1,1,2,2,1,1,1} - \Sigma_{2,1,1,3,1,1,1,1} + 4\Sigma_{2,1,2}\Sigma_{2,1,2,1} + 4\Sigma_{2,1,2}\Sigma_{2,2,1,1}(21.100)$$

$$+\, 4\Sigma_{2,1,2}\Sigma_{3,1,1,1} + 4\Sigma_{2,1,2,1}\Sigma_{2,2,1} + 4\Sigma_{2,1,2,1}\Sigma_{3,1,1} + 4\Sigma_{2,1,2,1,1}\Sigma_{2,2} + 4\Sigma_{2,1,2,1,1}\Sigma_{3,1}(21.500)$$

$$+\, 4\Sigma_{2,1,2,1,1,1}\Sigma_{3} - \Sigma_{2,1,2,1,1,1,1,2} - \Sigma_{2,1,2,1,1,1,2,1} - \Sigma_{2,1,2,1,1,2,1,1} - \Sigma_{2,1,2,1,2,1,1,1} - \Sigma_{2,1,2,2,1,1,1,1} - \Sigma_{2,1,3,1,1,1,1,1} + 4\Sigma_{2,2}\Sigma_{2,2,1,1,1}(24.200)$$

$$+\, 4\Sigma_{2,2}\Sigma_{3,1,1,1,1} + 4\Sigma_{2,2,1}\Sigma_{2,2,1,1} + 4\Sigma_{2,2,1}\Sigma_{3,1,1,1} + 4\Sigma_{2,2,1,1}\Sigma_{3,1,1} + 4\Sigma_{2,2,1,1,1}\Sigma_{3,1}(21.500)$$

$$+\, 4\Sigma_{2,2,1,1,1,1}\Sigma_{3} - \Sigma_{2,2,1,1,1,1,1,2} - \Sigma_{2,2,1,1,1,1,2,1} - \Sigma_{2,2,1,1,1,2,1,1} - \Sigma_{2,2,1,1,2,1,1,1} - \Sigma_{2,2,1,2,1,1,1,1} - \Sigma_{2,2,2,1,1,1,1,1} - \Sigma_{2,3,1,1,1,1,1,1}(22.400)$$

$$+\, 4\Sigma_{3}\Sigma_{3,1,1,1,1,1} + 4\Sigma_{3,1}\Sigma_{3,1,1,1,1} + 4\Sigma_{3,1,1}\Sigma_{3,1,1,1} - \Sigma_{3,1,1,1,1,1,1,2} - \Sigma_{3,1,1,1,1,1,2,1} - \Sigma_{3,1,1,1,1,2,1,1}(21.000)$$

$$-\, \Sigma_{3,1,1,1,2,1,1,1} - \Sigma_{3,1,1,2,1,1,1,1} - \Sigma_{3,1,2,1,1,1,1,1} - \Sigma_{3,2,1,1,1,1,1,1} - \Sigma_{4,1,1,1,1,1,1,1})$$

$$-\, V_{00}^{4}(35\Sigma_{1}^{3}\Sigma_{8} - 15\Sigma_{1}^{2}\Sigma_{1,1,7} - 15\Sigma_{1}^{2}\Sigma_{1,2,6}(21.700)$$

$$-\, 15\Sigma_{1}^{2}\Sigma_{1,3,5} - 15\Sigma_{1}^{2}\Sigma_{1,4,4} - 15\Sigma_{1}^{2}\Sigma_{1,5,3} - 15\Sigma_{1}^{2}\Sigma_{1,6,2}(22.800)$$

$$-\, 15\Sigma_{1}^{2}\Sigma_{1,7,1} + 105\Sigma_{1}^{2}\Sigma_{2}\Sigma_{7} - 15\Sigma_{1}^{2}\Sigma_{2,1,6}(20.100)$$

$$-\, 15\Sigma_{1}^{2}\Sigma_{2,2,5} - 15\Sigma_{1}^{2}\Sigma_{2,3,4} - 15\Sigma_{1}^{2}\Sigma_{2,4,3} - 15\Sigma_{1}^{2}\Sigma_{2,5,2}(22.800)$$

$$-\, 15\Sigma_{1}^{2}\Sigma_{2,6,1} + 105\Sigma_{1}^{2}\Sigma_{3}\Sigma_{6} - 15\Sigma_{1}^{2}\Sigma_{3,1,5}(20.100)$$

$$-\, 15\Sigma_{1}^{2}\Sigma_{3,2,4} - 15\Sigma_{1}^{2}\Sigma_{3,3,3} - 15\Sigma_{1}^{2}\Sigma_{3,4,2} - 15\Sigma_{1}^{2}\Sigma_{3,5,1}(22.800)$$

$$+\, 105\Sigma_{1}^{2}\Sigma_{4}\Sigma_{5} - 15\Sigma_{1}^{2}\Sigma_{4,1,4} - 15\Sigma_{1}^{2}\Sigma_{4,2,3}(20.100)$$

$$-\, 15\Sigma_{1}^{2}\Sigma_{4,3,2} - 15\Sigma_{1}^{2}\Sigma_{4,4,1} - 15\Sigma_{1}^{2}\Sigma_{5,1,3} - 15\Sigma_{1}^{2}\Sigma_{5,2,2}(22.800)$$

$$-\, 15\Sigma_{1}^{2}\Sigma_{5,3,1} - 15\Sigma_{1}^{2}\Sigma_{6,1,2} - 15\Sigma_{1}^{2}\Sigma_{6,2,1} - 15\Sigma_{1}^{2}\Sigma_{7,1,1}(22.800)$$

$$-\, 30\Sigma_{1}\Sigma_{1,1}\Sigma_{1,7} - 30\Sigma_{1}\Sigma_{1,1}\Sigma_{2,6} - 30\Sigma_{1}\Sigma_{1,1}\Sigma_{3,5}(20.100)$$

$$-\, 30\Sigma_{1}\Sigma_{1,1}\Sigma_{4,4} - 30\Sigma_{1}\Sigma_{1,1}\Sigma_{5,3} - 30\Sigma_{1}\Sigma_{1,1}\Sigma_{6,2}(20.100)$$

$$-\, 30\Sigma_{1}\Sigma_{1,1}\Sigma_{7,1} - 30\Sigma_{1}\Sigma_{1,1,1}\Sigma_{7} + 5\Sigma_{1}\Sigma_{1,1,1,1,6} + 5\Sigma_{1}\Sigma_{1,1,1,2,5}(23.800)$$

$$+\, 5\Sigma_{1}\Sigma_{1,1,1,3,4} + 5\Sigma_{1}\Sigma_{1,1,1,4,3} + 5\Sigma_{1}\Sigma_{1,1,1,5,2} + 5\Sigma_{1}\Sigma_{1,1,1,6,1} - 30\Sigma_{1}\Sigma_{1,1,2}\Sigma_{6}(26.900)$$

$$+\, 5\Sigma_{1}\Sigma_{1,1,2,1,5} + 5\Sigma_{1}\Sigma_{1,1,2,2,4} + 5\Sigma_{1}\Sigma_{1,1,2,3,3} + 5\Sigma_{1}\Sigma_{1,1,2,4,2} + 5\Sigma_{1}\Sigma_{1,1,2,5,1}(24.500)$$

$$-\, 30\Sigma_{1}\Sigma_{1,1,3}\Sigma_{5} + 5\Sigma_{1}\Sigma_{1,1,3,1,4} + 5\Sigma_{1}\Sigma_{1,1,3,2,3} + 5\Sigma_{1}\Sigma_{1,1,3,3,2}(22.000)$$

$$+\, 5\Sigma_{1}\Sigma_{1,1,3,4,1} - 30\Sigma_{1}\Sigma_{1,1,4}\Sigma_{4} + 5\Sigma_{1}\Sigma_{1,1,4,1,3} + 5\Sigma_{1}\Sigma_{1,1,4,2,2}(22.000)$$

$$+\, 5\Sigma_{1}\Sigma_{1,1,4,3,1} - 30\Sigma_{1}\Sigma_{1,1,5}\Sigma_{3} + 5\Sigma_{1}\Sigma_{1,1,5,1,2} + 5\Sigma_{1}\Sigma_{1,1,5,2,1}(22.000)$$

$$-\, 30\Sigma_{1}\Sigma_{1,1,6}\Sigma_{2} + 5\Sigma_{1}\Sigma_{1,1,6,1,1} - 30\Sigma_{1}\Sigma_{1,2}\Sigma_{1,6} - 30\Sigma_{1}\Sigma_{1,2}\Sigma_{2,5}(25.600)$$

$$-\, 30\Sigma_{1}\Sigma_{1,2}\Sigma_{3,4} - 30\Sigma_{1}\Sigma_{1,2}\Sigma_{4,3} - 30\Sigma_{1}\Sigma_{1,2}\Sigma_{5,2}(20.100)$$

$$-\, 30\Sigma_{1}\Sigma_{1,2}\Sigma_{6,1} - 30\Sigma_{1}\Sigma_{1,2,1}\Sigma_{6} + 5\Sigma_{1}\Sigma_{1,2,1,1,5} + 5\Sigma_{1}\Sigma_{1,2,1,2,4}(23.800)$$

$$+\, 5\Sigma_{1}\Sigma_{1,2,1,3,3} + 5\Sigma_{1}\Sigma_{1,2,1,4,2} + 5\Sigma_{1}\Sigma_{1,2,1,5,1} - 30\Sigma_{1}\Sigma_{1,2,2}\Sigma_{5}(22.000)$$

$$+ 5\Sigma_1\Sigma_{1,2,2,1,4} + 5\Sigma_1\Sigma_{1,2,2,2,3} + 5\Sigma_1\Sigma_{1,2,2,3,2} + 5\Sigma_1\Sigma_{1,2,2,4,1} - 30\Sigma_1\Sigma_{1,2,3}\Sigma_4(26.900)$$
$$+ 5\Sigma_1\Sigma_{1,2,3,1,3} + 5\Sigma_1\Sigma_{1,2,3,2,2} + 5\Sigma_1\Sigma_{1,2,3,3,1} - 30\Sigma_1\Sigma_{1,2,4}\Sigma_3(22.000)$$
$$+ 5\Sigma_1\Sigma_{1,2,4,1,2} + 5\Sigma_1\Sigma_{1,2,4,2,1} - 30\Sigma_1\Sigma_{1,2,5}\Sigma_2 + 5\Sigma_1\Sigma_{1,2,5,1,1}(22.000)$$
$$- 30\Sigma_1\Sigma_{1,3}\Sigma_{1,5} - 30\Sigma_1\Sigma_{1,3}\Sigma_{2,4} - 30\Sigma_1\Sigma_{1,3}\Sigma_{3,3}(20.100)$$
$$- 30\Sigma_1\Sigma_{1,3}\Sigma_{4,2} - 30\Sigma_1\Sigma_{1,3}\Sigma_{5,1} - 30\Sigma_1\Sigma_{1,3,1}\Sigma_5(20.700)$$
$$+ 5\Sigma_1\Sigma_{1,3,1,1,4} + 5\Sigma_1\Sigma_{1,3,1,2,3} + 5\Sigma_1\Sigma_{1,3,1,3,2} + 5\Sigma_1\Sigma_{1,3,1,4,1} - 30\Sigma_1\Sigma_{1,3,2}\Sigma_4(26.900)$$
$$+ 5\Sigma_1\Sigma_{1,3,2,1,3} + 5\Sigma_1\Sigma_{1,3,2,2,2} + 5\Sigma_1\Sigma_{1,3,2,3,1} - 30\Sigma_1\Sigma_{1,3,3}\Sigma_3(22.000)$$
$$+ 5\Sigma_1\Sigma_{1,3,3,1,2} + 5\Sigma_1\Sigma_{1,3,3,2,1} - 30\Sigma_1\Sigma_{1,3,4}\Sigma_2 + 5\Sigma_1\Sigma_{1,3,4,1,1}(22.000)$$
$$- 15\Sigma_1\Sigma_{1,4}^2 - 30\Sigma_1\Sigma_{1,4}\Sigma_{2,3} - 30\Sigma_1\Sigma_{1,4}\Sigma_{3,2} - 30\Sigma_1\Sigma_{1,4}\Sigma_{4,1}(25.800)$$
$$- 30\Sigma_1\Sigma_{1,4,1}\Sigma_4 + 5\Sigma_1\Sigma_{1,4,1,1,3} + 5\Sigma_1\Sigma_{1,4,1,2,2} + 5\Sigma_1\Sigma_{1,4,1,3,1}(22.000)$$
$$- 30\Sigma_1\Sigma_{1,4,2}\Sigma_3 + 5\Sigma_1\Sigma_{1,4,2,1,2} + 5\Sigma_1\Sigma_{1,4,2,2,1} - 30\Sigma_1\Sigma_{1,4,3}\Sigma_2(24.400)$$
$$+ 5\Sigma_1\Sigma_{1,4,3,1,1} - 30\Sigma_1\Sigma_{1,5}\Sigma_{2,2} - 30\Sigma_1\Sigma_{1,5}\Sigma_{3,1} - 30\Sigma_1\Sigma_{1,5,1}\Sigma_3(25.600)$$
$$+ 5\Sigma_1\Sigma_{1,5,1,1,2} + 5\Sigma_1\Sigma_{1,5,1,2,1} - 30\Sigma_1\Sigma_{1,5,2}\Sigma_2 + 5\Sigma_1\Sigma_{1,5,2,1,1}(22.000)$$
$$- 30\Sigma_1\Sigma_{1,6}\Sigma_{2,1} - 30\Sigma_1\Sigma_{1,6,1}\Sigma_2 + 5\Sigma_1\Sigma_{1,6,1,1,1} + 105\Sigma_1\Sigma_2^2\Sigma_6(27.600)$$
$$- 30\Sigma_1\Sigma_2\Sigma_{2,1,5} - 30\Sigma_1\Sigma_2\Sigma_{2,2,4} - 30\Sigma_1\Sigma_2\Sigma_{2,3,3}(21.900)$$
$$- 30\Sigma_1\Sigma_2\Sigma_{2,4,2} - 30\Sigma_1\Sigma_2\Sigma_{2,5,1} + 210\Sigma_1\Sigma_2\Sigma_3\Sigma_5(24.900)$$
$$- 30\Sigma_1\Sigma_2\Sigma_{3,1,4} - 30\Sigma_1\Sigma_2\Sigma_{3,2,3} - 30\Sigma_1\Sigma_2\Sigma_{3,3,2}(21.900)$$
$$- 30\Sigma_1\Sigma_2\Sigma_{3,4,1} + 105\Sigma_1\Sigma_2\Sigma_4^2 - 30\Sigma_1\Sigma_2\Sigma_{4,1,3}(23.300)$$
$$- 30\Sigma_1\Sigma_2\Sigma_{4,2,2} - 30\Sigma_1\Sigma_2\Sigma_{4,3,1} - 30\Sigma_1\Sigma_2\Sigma_{5,1,2}(21.900)$$
$$- 30\Sigma_1\Sigma_2\Sigma_{5,2,1} - 30\Sigma_1\Sigma_2\Sigma_{6,1,1} - 30\Sigma_1\Sigma_{2,1}\Sigma_{2,5}(21.300)$$
$$- 30\Sigma_1\Sigma_{2,1}\Sigma_{3,4} - 30\Sigma_1\Sigma_{2,1}\Sigma_{4,3} - 30\Sigma_1\Sigma_{2,1}\Sigma_{5,2}(20.100)$$
$$- 30\Sigma_1\Sigma_{2,1}\Sigma_{6,1} - 30\Sigma_1\Sigma_{2,1,1}\Sigma_6 + 5\Sigma_1\Sigma_{2,1,1,1,5} + 5\Sigma_1\Sigma_{2,1,1,2,4}(23.800)$$
$$+ 5\Sigma_1\Sigma_{2,1,1,3,3} + 5\Sigma_1\Sigma_{2,1,1,4,2} + 5\Sigma_1\Sigma_{2,1,1,5,1} - 30\Sigma_1\Sigma_{2,1,2}\Sigma_5(22.000)$$
$$+ 5\Sigma_1\Sigma_{2,1,2,1,4} + 5\Sigma_1\Sigma_{2,1,2,2,3} + 5\Sigma_1\Sigma_{2,1,2,3,2} + 5\Sigma_1\Sigma_{2,1,2,4,1} - 30\Sigma_1\Sigma_{2,1,3}\Sigma_4(26.900)$$
$$+ 5\Sigma_1\Sigma_{2,1,3,1,3} + 5\Sigma_1\Sigma_{2,1,3,2,2} + 5\Sigma_1\Sigma_{2,1,3,3,1} - 30\Sigma_1\Sigma_{2,1,4}\Sigma_3(22.000)$$
$$+ 5\Sigma_1\Sigma_{2,1,4,1,2} + 5\Sigma_1\Sigma_{2,1,4,2,1} + 5\Sigma_1\Sigma_{2,1,5,1,1} - 30\Sigma_1\Sigma_{2,2}\Sigma_{2,4}(21.400)$$
$$- 30\Sigma_1\Sigma_{2,2}\Sigma_{3,3} - 30\Sigma_1\Sigma_{2,2}\Sigma_{4,2} - 30\Sigma_1\Sigma_{2,2}\Sigma_{5,1}(20.100)$$

$$-30\Sigma_1\Sigma_{2,2,1}\Sigma_5 + 5\Sigma_1\Sigma_{2,2,1,1,4} + 5\Sigma_1\Sigma_{2,2,1,2,3} + 5\Sigma_1\Sigma_{2,2,1,3,2}(22.000)$$

$$+ 5\Sigma_1\Sigma_{2,2,1,4,1} - 30\Sigma_1\Sigma_{2,2,2}\Sigma_4 + 5\Sigma_1\Sigma_{2,2,2,1,3} + 5\Sigma_1\Sigma_{2,2,2,2,2}(22.000)$$

$$+ 5\Sigma_1\Sigma_{2,2,2,3,1} - 30\Sigma_1\Sigma_{2,2,3}\Sigma_3 + 5\Sigma_1\Sigma_{2,2,3,1,2} + 5\Sigma_1\Sigma_{2,2,3,2,1}(22.000)$$

$$+ 5\Sigma_1\Sigma_{2,2,4,1,1} - 15\Sigma_1\Sigma_{2,3}^2 - 30\Sigma_1\Sigma_{2,3}\Sigma_{3,2} - 30\Sigma_1\Sigma_{2,3}\Sigma_{4,1}(24.000)$$

$$- 30\Sigma_1\Sigma_{2,3,1}\Sigma_4 + 5\Sigma_1\Sigma_{2,3,1,1,3} + 5\Sigma_1\Sigma_{2,3,1,2,2} + 5\Sigma_1\Sigma_{2,3,1,3,1}(22.000)$$

$$- 30\Sigma_1\Sigma_{2,3,2}\Sigma_3 + 5\Sigma_1\Sigma_{2,3,2,1,2} + 5\Sigma_1\Sigma_{2,3,2,2,1} + 5\Sigma_1\Sigma_{2,3,3,1,1}(22.000)$$

$$- 30\Sigma_1\Sigma_{2,4}\Sigma_{3,1} - 30\Sigma_1\Sigma_{2,4,1}\Sigma_3 + 5\Sigma_1\Sigma_{2,4,1,1,2} + 5\Sigma_1\Sigma_{2,4,1,2,1}(23.800)$$

$$+ 5\Sigma_1\Sigma_{2,4,2,1,1} + 5\Sigma_1\Sigma_{2,5,1,1,1} + 105\Sigma_1\Sigma_3^2\Sigma_4 - 30\Sigma_1\Sigma_3\Sigma_{3,1,3}(25.800)$$

$$- 30\Sigma_1\Sigma_3\Sigma_{3,2,2} - 30\Sigma_1\Sigma_3\Sigma_{3,3,1} - 30\Sigma_1\Sigma_3\Sigma_{4,1,2}(21.900)$$

$$- 30\Sigma_1\Sigma_3\Sigma_{4,2,1} - 30\Sigma_1\Sigma_3\Sigma_{5,1,1} - 30\Sigma_1\Sigma_{3,1}\Sigma_{3,3}(21.300)$$

$$- 30\Sigma_1\Sigma_{3,1}\Sigma_{4,2} - 30\Sigma_1\Sigma_{3,1}\Sigma_{5,1} - 30\Sigma_1\Sigma_{3,1,1}\Sigma_5(20.700)$$

$$+ 5\Sigma_1\Sigma_{3,1,1,1,4} + 5\Sigma_1\Sigma_{3,1,1,2,3} + 5\Sigma_1\Sigma_{3,1,1,3,2} + 5\Sigma_1\Sigma_{3,1,1,4,1} - 30\Sigma_1\Sigma_{3,1,2}\Sigma_4(26.900)$$

$$+ 5\Sigma_1\Sigma_{3,1,2,1,3} + 5\Sigma_1\Sigma_{3,1,2,2,2} + 5\Sigma_1\Sigma_{3,1,2,3,1} + 5\Sigma_1\Sigma_{3,1,3,1,2} + 5\Sigma_1\Sigma_{3,1,3,2,1}(24.500)$$

$$+ 5\Sigma_1\Sigma_{3,1,4,1,1} - 15\Sigma_1\Sigma_{3,2}^2 - 30\Sigma_1\Sigma_{3,2}\Sigma_{4,1} - 30\Sigma_1\Sigma_{3,2,1}\Sigma_4(24.600)$$

$$+ 5\Sigma_1\Sigma_{3,2,1,1,3} + 5\Sigma_1\Sigma_{3,2,1,2,2} + 5\Sigma_1\Sigma_{3,2,1,3,1} + 5\Sigma_1\Sigma_{3,2,2,1,2} + 5\Sigma_1\Sigma_{3,2,2,2,1}(24.500)$$

$$+ 5\Sigma_1\Sigma_{3,2,3,1,1} + 5\Sigma_1\Sigma_{3,3,1,1,2} + 5\Sigma_1\Sigma_{3,3,1,2,1} + 5\Sigma_1\Sigma_{3,3,2,1,1} + 5\Sigma_1\Sigma_{3,4,1,1,1}(24.500)$$

$$- 30\Sigma_1\Sigma_4\Sigma_{4,1,1} - 15\Sigma_1\Sigma_{4,1}^2 + 5\Sigma_1\Sigma_{4,1,1,1,3} + 5\Sigma_1\Sigma_{4,1,1,2,2}(22.800)$$

$$+ 5\Sigma_1\Sigma_{4,1,1,3,1} + 5\Sigma_1\Sigma_{4,1,2,1,2} + 5\Sigma_1\Sigma_{4,1,2,2,1} + 5\Sigma_1\Sigma_{4,1,3,1,1} + 5\Sigma_1\Sigma_{4,2,1,1,2}(24.500)$$

$$+ 5\Sigma_1\Sigma_{4,2,1,2,1} + 5\Sigma_1\Sigma_{4,2,2,1,1} + 5\Sigma_1\Sigma_{4,3,1,1,1} + 5\Sigma_1\Sigma_{5,1,1,1,2} + 5\Sigma_1\Sigma_{5,1,1,2,1}(24.500)$$

$$+ 5\Sigma_1\Sigma_{5,1,2,1,1} + 5\Sigma_1\Sigma_{5,2,1,1,1} + 5\Sigma_1\Sigma_{6,1,1,1,1} - 15\Sigma_{1,1}^2\Sigma_7(20.400)$$

$$+ 5\Sigma_{1,1}\Sigma_{1,1,1,6} + 5\Sigma_{1,1}\Sigma_{1,1,2,5} + 5\Sigma_{1,1}\Sigma_{1,1,3,4} + 5\Sigma_{1,1}\Sigma_{1,1,4,3} + 5\Sigma_{1,1}\Sigma_{1,1,5,2}(21.500)$$

$$+ 5\Sigma_{1,1}\Sigma_{1,1,6,1} - 30\Sigma_{1,1}\Sigma_{1,2}\Sigma_6 + 5\Sigma_{1,1}\Sigma_{1,2,1,5} + 5\Sigma_{1,1}\Sigma_{1,2,2,4} + 5\Sigma_{1,1}\Sigma_{1,2,3,3}(23.900)$$

$$+ 5\Sigma_{1,1}\Sigma_{1,2,4,2} + 5\Sigma_{1,1}\Sigma_{1,2,5,1} - 30\Sigma_{1,1}\Sigma_{1,3}\Sigma_5 + 5\Sigma_{1,1}\Sigma_{1,3,1,4} + 5\Sigma_{1,1}\Sigma_{1,3,2,3}(23.900)$$

$$+ 5\Sigma_{1,1}\Sigma_{1,3,3,2} + 5\Sigma_{1,1}\Sigma_{1,3,4,1} - 30\Sigma_{1,1}\Sigma_{1,4}\Sigma_4 + 5\Sigma_{1,1}\Sigma_{1,4,1,3} + 5\Sigma_{1,1}\Sigma_{1,4,2,2}(23.900)$$

$$+ 5\Sigma_{1,1}\Sigma_{1,4,3,1} - 30\Sigma_{1,1}\Sigma_{1,5}\Sigma_3 + 5\Sigma_{1,1}\Sigma_{1,5,1,2} + 5\Sigma_{1,1}\Sigma_{1,5,2,1} - 30\Sigma_{1,1}\Sigma_{1,6}\Sigma_2(26.300)$$

$$+ 5\Sigma_{1,1}\Sigma_{1,6,1,1} - 30\Sigma_{1,1}\Sigma_2\Sigma_{2,5} - 30\Sigma_{1,1}\Sigma_2\Sigma_{3,4} - 30\Sigma_{1,1}\Sigma_2\Sigma_{4,3}(24.400)$$

$$- 30\Sigma_{1,1}\Sigma_2\Sigma_{5,2} - 30\Sigma_{1,1}\Sigma_2\Sigma_{6,1} - 30\Sigma_{1,1}\Sigma_{2,1}\Sigma_6(20.100)$$

$$+ 5\Sigma_{1,1}\Sigma_{2,1,1,5} + 5\Sigma_{1,1}\Sigma_{2,1,2,4} + 5\Sigma_{1,1}\Sigma_{2,1,3,3} + 5\Sigma_{1,1}\Sigma_{2,1,4,2} + 5\Sigma_{1,1}\Sigma_{2,1,5,1}(21.500)$$

$$- 30\Sigma_{1,1}\Sigma_{2,2}\Sigma_5 + 5\Sigma_{1,1}\Sigma_{2,2,1,4} + 5\Sigma_{1,1}\Sigma_{2,2,2,3} + 5\Sigma_{1,1}\Sigma_{2,2,3,2} + 5\Sigma_{1,1}\Sigma_{2,2,4,1}(23.900)$$

$$- 30\Sigma_{1,1}\Sigma_{2,3}\Sigma_4 + 5\Sigma_{1,1}\Sigma_{2,3,1,3} + 5\Sigma_{1,1}\Sigma_{2,3,2,2} + 5\Sigma_{1,1}\Sigma_{2,3,3,1} - 30\Sigma_{1,1}\Sigma_{2,4}\Sigma_3(26.300)$$

$$+ 5\Sigma_{1,1}\Sigma_{2,4,1,2} + 5\Sigma_{1,1}\Sigma_{2,4,2,1} + 5\Sigma_{1,1}\Sigma_{2,5,1,1} - 30\Sigma_{1,1}\Sigma_3\Sigma_{3,3} - 30\Sigma_{1,1}\Sigma_3\Sigma_{4,2}(26.300)$$

$$- 30\Sigma_{1,1}\Sigma_3\Sigma_{5,1} - 30\Sigma_{1,1}\Sigma_{3,1}\Sigma_5 + 5\Sigma_{1,1}\Sigma_{3,1,1,4} + 5\Sigma_{1,1}\Sigma_{3,1,2,3}(22.000)$$

$$+ 5\Sigma_{1,1}\Sigma_{3,1,3,2} + 5\Sigma_{1,1}\Sigma_{3,1,4,1} - 30\Sigma_{1,1}\Sigma_{3,2}\Sigma_4 + 5\Sigma_{1,1}\Sigma_{3,2,1,3} + 5\Sigma_{1,1}\Sigma_{3,2,2,2}(23.900)$$

$$+ 5\Sigma_{1,1}\Sigma_{3,2,3,1} + 5\Sigma_{1,1}\Sigma_{3,3,1,2} + 5\Sigma_{1,1}\Sigma_{3,3,2,1} + 5\Sigma_{1,1}\Sigma_{3,4,1,1} - 30\Sigma_{1,1}\Sigma_4\Sigma_{4,1}(23.900)$$

$$+ 5\Sigma_{1,1}\Sigma_{4,1,1,3} + 5\Sigma_{1,1}\Sigma_{4,1,2,2} + 5\Sigma_{1,1}\Sigma_{4,1,3,1} + 5\Sigma_{1,1}\Sigma_{4,2,1,2} + 5\Sigma_{1,1}\Sigma_{4,2,2,1}(21.500)$$

$$+ 5\Sigma_{1,1}\Sigma_{4,3,1,1} + 5\Sigma_{1,1}\Sigma_{5,1,1,2} + 5\Sigma_{1,1}\Sigma_{5,1,2,1} + 5\Sigma_{1,1}\Sigma_{5,2,1,1} + 5\Sigma_{1,1}\Sigma_{6,1,1,1}(21.500)$$

$$+ 5\Sigma_{1,1,1}\Sigma_{1,6} + 5\Sigma_{1,1,1}\Sigma_{1,2,5} + 5\Sigma_{1,1,1}\Sigma_{1,3,4} + 5\Sigma_{1,1,1}\Sigma_{1,4,3} + 5\Sigma_{1,1,1}\Sigma_{1,5,2}(21.500)$$

$$+ 5\Sigma_{1,1,1}\Sigma_{1,6,1} - 30\Sigma_{1,1,1}\Sigma_2\Sigma_6 + 5\Sigma_{1,1,1}\Sigma_{2,1,5} + 5\Sigma_{1,1,1}\Sigma_{2,2,4}(20.200)$$

$$+ 5\Sigma_{1,1,1}\Sigma_{2,3,3} + 5\Sigma_{1,1,1}\Sigma_{2,4,2} + 5\Sigma_{1,1,1}\Sigma_{2,5,1} - 30\Sigma_{1,1,1}\Sigma_3\Sigma_5(20.200)$$

$$+ 5\Sigma_{1,1,1}\Sigma_{3,1,4} + 5\Sigma_{1,1,1}\Sigma_{3,2,3} + 5\Sigma_{1,1,1}\Sigma_{3,3,2} + 5\Sigma_{1,1,1}\Sigma_{3,4,1} - 15\Sigma_{1,1,1}\Sigma_4^2(22.900)$$

$$+ 5\Sigma_{1,1,1}\Sigma_{4,1,3} + 5\Sigma_{1,1,1}\Sigma_{4,2,2} + 5\Sigma_{1,1,1}\Sigma_{4,3,1} + 5\Sigma_{1,1,1}\Sigma_{5,1,2} + 5\Sigma_{1,1,1}\Sigma_{5,2,1}(21.500)$$

$$+ 5\Sigma_{1,1,1}\Sigma_{6,1,1} + 5\Sigma_{1,1,1,1}\Sigma_{1,6} + 5\Sigma_{1,1,1,1}\Sigma_{2,5} + 5\Sigma_{1,1,1,1}\Sigma_{3,4} + 5\Sigma_{1,1,1,1}\Sigma_{4,3}(21.500)$$

$$+ 5\Sigma_{1,1,1,1}\Sigma_{5,2} + 5\Sigma_{1,1,1,1}\Sigma_{6,1} + 5\Sigma_{1,1,1,1,1}\Sigma_6 - \Sigma_{1,1,1,1,1,1,5} - \Sigma_{1,1,1,1,1,2,4} - \Sigma_{1,1,1,1,1,3,3}(21.000)$$

$$- \Sigma_{1,1,1,1,1,4,2} - \Sigma_{1,1,1,1,1,5,1} + 5\Sigma_{1,1,1,1,2}\Sigma_5 - \Sigma_{1,1,1,1,2,1,4} - \Sigma_{1,1,1,1,2,2,3} - \Sigma_{1,1,1,1,2,3,2} - \Sigma_{1,1,1,1,2,4,1} + 5\Sigma_{1,1,1,1,3}\Sigma_4(24.800)$$

$$- \Sigma_{1,1,1,1,3,1,3} - \Sigma_{1,1,1,1,3,2,2} - \Sigma_{1,1,1,1,3,3,1} + 5\Sigma_{1,1,1,1,4}\Sigma_3 - \Sigma_{1,1,1,1,4,1,2} - \Sigma_{1,1,1,1,4,2,1} + 5\Sigma_{1,1,1,1,5}\Sigma_2(22.300)$$

$$- \Sigma_{1,1,1,1,5,1,1} + 5\Sigma_{1,1,1,2}\Sigma_{1,5} + 5\Sigma_{1,1,1,2}\Sigma_{2,4} + 5\Sigma_{1,1,1,2}\Sigma_{3,3} + 5\Sigma_{1,1,1,2}\Sigma_{4,2} + 5\Sigma_{1,1,1,2}\Sigma_{5,1}(24.000)$$

$$+ 5\Sigma_{1,1,1,2,1}\Sigma_5 - \Sigma_{1,1,1,2,1,1,4} - \Sigma_{1,1,1,2,1,2,3} - \Sigma_{1,1,1,2,1,3,2} - \Sigma_{1,1,1,2,1,4,1} + 5\Sigma_{1,1,1,2,2}\Sigma_4 - \Sigma_{1,1,1,2,2,1,3}(22.300)$$

$$- \Sigma_{1,1,1,2,2,2,2} - \Sigma_{1,1,1,2,2,3,1} + 5\Sigma_{1,1,1,2,3}\Sigma_3 - \Sigma_{1,1,1,2,3,1,2} - \Sigma_{1,1,1,2,3,2,1} + 5\Sigma_{1,1,1,2,4}\Sigma_2 - \Sigma_{1,1,1,2,4,1,1}(22.300)$$

$$+ 5\Sigma_{1,1,1,3}\Sigma_{1,4} + 5\Sigma_{1,1,1,3}\Sigma_{2,3} + 5\Sigma_{1,1,1,3}\Sigma_{3,2} + 5\Sigma_{1,1,1,3}\Sigma_{4,1} + 5\Sigma_{1,1,1,3,1}\Sigma_4(22.100)$$

$$- \Sigma_{1,1,1,3,1,1,3} - \Sigma_{1,1,1,3,1,2,2} - \Sigma_{1,1,1,3,1,3,1} + 5\Sigma_{1,1,1,3,2}\Sigma_3 - \Sigma_{1,1,1,3,2,1,2} - \Sigma_{1,1,1,3,2,2,1} + 5\Sigma_{1,1,1,3,3}\Sigma_2(22.300)$$

$$- \Sigma_{1,1,1,3,3,1,1} + 5\Sigma_{1,1,1,4}\Sigma_{1,3} + 5\Sigma_{1,1,1,4}\Sigma_{2,2} + 5\Sigma_{1,1,1,4}\Sigma_{3,1} + 5\Sigma_{1,1,1,4,1}\Sigma_3(20.300)$$

$$- \Sigma_{1,1,1,4,1,1,2} - \Sigma_{1,1,1,4,1,2,1} + 5\Sigma_{1,1,1,4,2}\Sigma_2 - \Sigma_{1,1,1,4,2,1,1} + 5\Sigma_{1,1,1,5}\Sigma_{1,2} + 5\Sigma_{1,1,1,5}\Sigma_{2,1}(21.000)$$

$$+ 5\Sigma_{1,1,1,5,1}\Sigma_2 - \Sigma_{1,1,1,5,1,1,1} + 5\Sigma_{1,1,2}\Sigma_{1,1,5} + 5\Sigma_{1,1,2}\Sigma_{1,2,4} + 5\Sigma_{1,1,2}\Sigma_{1,3,3}(20.300)$$

$$+ 5\Sigma_{1,1,2}\Sigma_{1,4,2} + 5\Sigma_{1,1,2}\Sigma_{1,5,1} - 30\Sigma_{1,1,2}\Sigma_2\Sigma_5 + 5\Sigma_{1,1,2}\Sigma_{2,1,4}(20.200)$$

$$+ 5\Sigma_{1,1,2}\Sigma_{2,2,3} + 5\Sigma_{1,1,2}\Sigma_{2,3,2} + 5\Sigma_{1,1,2}\Sigma_{2,4,1} - 30\Sigma_{1,1,2}\Sigma_3\Sigma_4(20.200)$$

$$+ 5\Sigma_{1,1,2}\Sigma_{3,1,3} + 5\Sigma_{1,1,2}\Sigma_{3,2,2} + 5\Sigma_{1,1,2}\Sigma_{3,3,1} + 5\Sigma_{1,1,2}\Sigma_{4,1,2} + 5\Sigma_{1,1,2}\Sigma_{4,2,1}(21.500)$$

$$+ 5\Sigma_{1,1,2}\Sigma_{5,1,1} + 5\Sigma_{1,1,2,1}\Sigma_{1,5} + 5\Sigma_{1,1,2,1}\Sigma_{2,4} + 5\Sigma_{1,1,2,1}\Sigma_{3,3} + 5\Sigma_{1,1,2,1}\Sigma_{4,2}(21.500)$$

$$+ 5\Sigma_{1,1,2,1}\Sigma_{5,1} + 5\Sigma_{1,1,2,1,1}\Sigma_5 - \Sigma_{1,1,2,1,1,1,4} - \Sigma_{1,1,2,1,1,2,3} - \Sigma_{1,1,2,1,1,3,2} - \Sigma_{1,1,2,1,1,4,1} + 5\Sigma_{1,1,2,1,2}\Sigma_4(24.100)$$

$$- \Sigma_{1,1,2,1,2,1,3} - \Sigma_{1,1,2,1,2,2,2} - \Sigma_{1,1,2,1,2,3,1} + 5\Sigma_{1,1,2,1,3}\Sigma_3 - \Sigma_{1,1,2,1,3,1,2} - \Sigma_{1,1,2,1,3,2,1} + 5\Sigma_{1,1,2,1,4}\Sigma_2(22.300)$$

$$- \Sigma_{1,1,2,1,4,1,1} + 5\Sigma_{1,1,2,2}\Sigma_{1,4} + 5\Sigma_{1,1,2,2}\Sigma_{2,3} + 5\Sigma_{1,1,2,2}\Sigma_{3,2} + 5\Sigma_{1,1,2,2}\Sigma_{4,1} + 5\Sigma_{1,1,2,2,1}\Sigma_4(24.600)$$

$$- \Sigma_{1,1,2,2,1,1,3} - \Sigma_{1,1,2,2,1,2,2} - \Sigma_{1,1,2,2,1,3,1} + 5\Sigma_{1,1,2,2,2}\Sigma_3 - \Sigma_{1,1,2,2,2,1,2} - \Sigma_{1,1,2,2,2,2,1} + 5\Sigma_{1,1,2,2,3}\Sigma_2(22.300)$$

$$- \Sigma_{1,1,2,2,3,1,1} + 5\Sigma_{1,1,2,3}\Sigma_{1,3} + 5\Sigma_{1,1,2,3}\Sigma_{2,2} + 5\Sigma_{1,1,2,3}\Sigma_{3,1} + 5\Sigma_{1,1,2,3,1}\Sigma_3(20.300)$$

$$- \Sigma_{1,1,2,3,1,1,2} - \Sigma_{1,1,2,3,1,2,1} + 5\Sigma_{1,1,2,3,2}\Sigma_2 - \Sigma_{1,1,2,3,2,1,1} + 5\Sigma_{1,1,2,4}\Sigma_{1,2} + 5\Sigma_{1,1,2,4}\Sigma_{2,1}(21.000)$$

$$+ 5\Sigma_{1,1,2,4,1}\Sigma_2 - \Sigma_{1,1,2,4,1,1,1} + 5\Sigma_{1,1,3}\Sigma_{1,1,4} + 5\Sigma_{1,1,3}\Sigma_{1,2,3} + 5\Sigma_{1,1,3}\Sigma_{1,3,2}(20.300)$$

$$+ 5\Sigma_{1,1,3}\Sigma_{1,4,1} - 30\Sigma_{1,1,3}\Sigma_2\Sigma_4 + 5\Sigma_{1,1,3}\Sigma_{2,1,3} + 5\Sigma_{1,1,3}\Sigma_{2,2,2}(20.200)$$

$$+ 5\Sigma_{1,1,3}\Sigma_{2,3,1} - 15\Sigma_{1,1,3}\Sigma_3^2 + 5\Sigma_{1,1,3}\Sigma_{3,1,2} + 5\Sigma_{1,1,3}\Sigma_{3,2,1} + 5\Sigma_{1,1,3}\Sigma_{4,1,1}(22.900)$$

$$+ 5\Sigma_{1,1,3,1}\Sigma_{1,4} + 5\Sigma_{1,1,3,1}\Sigma_{2,3} + 5\Sigma_{1,1,3,1}\Sigma_{3,2} + 5\Sigma_{1,1,3,1}\Sigma_{4,1} + 5\Sigma_{1,1,3,1,1}\Sigma_4(22.100)$$

$$- \Sigma_{1,1,3,1,1,1,3} - \Sigma_{1,1,3,1,1,2,2} - \Sigma_{1,1,3,1,1,3,1} + 5\Sigma_{1,1,3,1,2}\Sigma_3 - \Sigma_{1,1,3,1,2,1,2} - \Sigma_{1,1,3,1,2,2,1} + 5\Sigma_{1,1,3,1,3}\Sigma_2(22.300)$$

$$- \Sigma_{1,1,3,1,3,1,1} + 5\Sigma_{1,1,3,2}\Sigma_{1,3} + 5\Sigma_{1,1,3,2}\Sigma_{2,2} + 5\Sigma_{1,1,3,2}\Sigma_{3,1} + 5\Sigma_{1,1,3,2,1}\Sigma_3(20.300)$$

$$- \Sigma_{1,1,3,2,1,1,2} - \Sigma_{1,1,3,2,1,2,1} + 5\Sigma_{1,1,3,2,2}\Sigma_2 - \Sigma_{1,1,3,2,2,1,1} + 5\Sigma_{1,1,3,3}\Sigma_{1,2} + 5\Sigma_{1,1,3,3}\Sigma_{2,1}(21.000)$$

$$+ 5\Sigma_{1,1,3,3,1}\Sigma_2 - \Sigma_{1,1,3,3,1,1,1} + 5\Sigma_{1,1,4}\Sigma_{1,2,2} + 5\Sigma_{1,1,4}\Sigma_{1,3,1} - 30\Sigma_{1,1,4}\Sigma_2\Sigma_3(23.300)$$

$$+ 5\Sigma_{1,1,4}\Sigma_{2,1,2} + 5\Sigma_{1,1,4}\Sigma_{2,2,1} + 5\Sigma_{1,1,4}\Sigma_{3,1,1} + 5\Sigma_{1,1,4,1}\Sigma_{1,3} + 5\Sigma_{1,1,4,1}\Sigma_{2,2}(21.500)$$

$$+ 5\Sigma_{1,1,4,1}\Sigma_{3,1} + 5\Sigma_{1,1,4,1,1}\Sigma_3 - \Sigma_{1,1,4,1,1,1,2} - \Sigma_{1,1,4,1,1,2,1} + 5\Sigma_{1,1,4,1,2}\Sigma_2 - \Sigma_{1,1,4,1,2,1,1}(21.600)$$

$$+ 5\Sigma_{1,1,4,2}\Sigma_{1,2} + 5\Sigma_{1,1,4,2}\Sigma_{2,1} + 5\Sigma_{1,1,4,2,1}\Sigma_2 - \Sigma_{1,1,4,2,1,1,1} + 5\Sigma_{1,1,5}\Sigma_{1,2,1}(20.300)$$

$$- 15\Sigma_{1,1,5}\Sigma_2^2 + 5\Sigma_{1,1,5}\Sigma_{2,1,1} + 5\Sigma_{1,1,5,1}\Sigma_{1,2} + 5\Sigma_{1,1,5,1}\Sigma_{2,1} + 5\Sigma_{1,1,5,1,1}\Sigma_2(23.500)$$

$$- \Sigma_{1,1,5,1,1,1,1} - 15\Sigma_{1,2}^2\Sigma_5 + 5\Sigma_{1,2}\Sigma_{1,2,1,4} + 5\Sigma_{1,2}\Sigma_{1,2,2,3} + 5\Sigma_{1,2}\Sigma_{1,2,3,2}(21.100)$$

$$+ 5\Sigma_{1,2}\Sigma_{1,2,4,1} - 30\Sigma_{1,2}\Sigma_{1,3}\Sigma_4 + 5\Sigma_{1,2}\Sigma_{1,3,1,3} + 5\Sigma_{1,2}\Sigma_{1,3,2,2} + 5\Sigma_{1,2}\Sigma_{1,3,3,1}(23.900)$$

$$- 30\Sigma_{1,2}\Sigma_{1,4}\Sigma_3 + 5\Sigma_{1,2}\Sigma_{1,4,1,2} + 5\Sigma_{1,2}\Sigma_{1,4,2,1} - 30\Sigma_{1,2}\Sigma_{1,5}\Sigma_2(22.000)$$

$$+ 5\Sigma_{1,2}\Sigma_{1,5,1,1} - 30\Sigma_{1,2}\Sigma_2\Sigma_{2,4} - 30\Sigma_{1,2}\Sigma_2\Sigma_{3,3} - 30\Sigma_{1,2}\Sigma_2\Sigma_{4,2}(24.400)$$

$$- 30\Sigma_{1,2}\Sigma_2\Sigma_{5,1} - 30\Sigma_{1,2}\Sigma_{2,1}\Sigma_5 + 5\Sigma_{1,2}\Sigma_{2,1,1,4} + 5\Sigma_{1,2}\Sigma_{2,1,2,3}(22.000)$$

$$+ 5\Sigma_{1,2}\Sigma_{2,1,3,2} + 5\Sigma_{1,2}\Sigma_{2,1,4,1} - 30\Sigma_{1,2}\Sigma_{2,2}\Sigma_4 + 5\Sigma_{1,2}\Sigma_{2,2,1,3} + 5\Sigma_{1,2}\Sigma_{2,2,2,2}(23.900)$$

$$+ 5\Sigma_{1,2}\Sigma_{2,2,3,1} - 30\Sigma_{1,2}\Sigma_{2,3}\Sigma_3 + 5\Sigma_{1,2}\Sigma_{2,3,1,2} + 5\Sigma_{1,2}\Sigma_{2,3,2,1} + 5\Sigma_{1,2}\Sigma_{2,4,1,1}(23.900)$$

$$- 30\Sigma_{1,2}\Sigma_3\Sigma_{3,2} - 30\Sigma_{1,2}\Sigma_3\Sigma_{4,1} - 30\Sigma_{1,2}\Sigma_{3,1}\Sigma_4(20.100)$$

$$+ 5\Sigma_{1,2}\Sigma_{3,1,1,3} + 5\Sigma_{1,2}\Sigma_{3,1,2,2} + 5\Sigma_{1,2}\Sigma_{3,1,3,1} + 5\Sigma_{1,2}\Sigma_{3,2,1,2} + 5\Sigma_{1,2}\Sigma_{3,2,2,1}(21.500)$$

$$+ 5\Sigma_{1,2}\Sigma_{3,3,1,1} + 5\Sigma_{1,2}\Sigma_{4,1,1,2} + 5\Sigma_{1,2}\Sigma_{4,1,2,1} + 5\Sigma_{1,2}\Sigma_{4,2,1,1} + 5\Sigma_{1,2}\Sigma_{5,1,1,1}(21.500)$$

$$+ 5\Sigma_{1,2,1}\Sigma_{1,2,4} + 5\Sigma_{1,2,1}\Sigma_{1,3,3} + 5\Sigma_{1,2,1}\Sigma_{1,4,2} + 5\Sigma_{1,2,1}\Sigma_{1,5,1} - 30\Sigma_{1,2,1}\Sigma_2\Sigma_5(24.500)$$

$$+ 5\Sigma_{1,2,1}\Sigma_{2,1,4} + 5\Sigma_{1,2,1}\Sigma_{2,2,3} + 5\Sigma_{1,2,1}\Sigma_{2,3,2} + 5\Sigma_{1,2,1}\Sigma_{2,4,1} - 30\Sigma_{1,2,1}\Sigma_3\Sigma_4(24.500)$$

$$+ 5\Sigma_{1,2,1}\Sigma_{3,1,3} + 5\Sigma_{1,2,1}\Sigma_{3,2,2} + 5\Sigma_{1,2,1}\Sigma_{3,3,1} + 5\Sigma_{1,2,1}\Sigma_{4,1,2} + 5\Sigma_{1,2,1}\Sigma_{4,2,1}(21.500)$$

$$+ 5\Sigma_{1,2,1}\Sigma_{5,1,1} + 5\Sigma_{1,2,1,1}\Sigma_{1,5} + 5\Sigma_{1,2,1,1}\Sigma_{2,4} + 5\Sigma_{1,2,1,1}\Sigma_{3,3} + 5\Sigma_{1,2,1,1}\Sigma_{4,2}(21.500)$$

$$+ 5\Sigma_{1,2,1,1}\Sigma_{5,1} + 5\Sigma_{1,2,1,1,1}\Sigma_5 - \Sigma_{1,2,1,1,1,1,4} - \Sigma_{1,2,1,1,1,2,3} - \Sigma_{1,2,1,1,1,3,2} - \Sigma_{1,2,1,1,1,4,1} + 5\Sigma_{1,2,1,1,2}\Sigma_4(24.100)$$

$$- \Sigma_{1,2,1,1,2,1,3} - \Sigma_{1,2,1,1,2,2,2} - \Sigma_{1,2,1,1,2,3,1} + 5\Sigma_{1,2,1,1,3}\Sigma_3 - \Sigma_{1,2,1,1,3,1,2} - \Sigma_{1,2,1,1,3,2,1} + 5\Sigma_{1,2,1,1,4}\Sigma_2(22.300)$$

$$- \Sigma_{1,2,1,1,4,1,1} + 5\Sigma_{1,2,1,2}\Sigma_{1,4} + 5\Sigma_{1,2,1,2}\Sigma_{2,3} + 5\Sigma_{1,2,1,2}\Sigma_{3,2} + 5\Sigma_{1,2,1,2}\Sigma_{4,1} + 5\Sigma_{1,2,1,2,1}\Sigma_4(24.600)$$

$$- \Sigma_{1,2,1,2,1,1,3} - \Sigma_{1,2,1,2,1,2,2} - \Sigma_{1,2,1,2,1,3,1} + 5\Sigma_{1,2,1,2,2}\Sigma_3 - \Sigma_{1,2,1,2,2,1,2} - \Sigma_{1,2,1,2,2,2,1} + 5\Sigma_{1,2,1,2,3}\Sigma_2(22.300)$$

$$- \Sigma_{1,2,1,2,3,1,1} + 5\Sigma_{1,2,1,3}\Sigma_{1,3} + 5\Sigma_{1,2,1,3}\Sigma_{2,2} + 5\Sigma_{1,2,1,3}\Sigma_{3,1} + 5\Sigma_{1,2,1,3,1}\Sigma_3(20.300)$$

$$- \Sigma_{1,2,1,3,1,1,2} - \Sigma_{1,2,1,3,1,2,1} + 5\Sigma_{1,2,1,3,2}\Sigma_2 - \Sigma_{1,2,1,3,2,1,1} + 5\Sigma_{1,2,1,4}\Sigma_{2,1} + 5\Sigma_{1,2,1,4,1}\Sigma_2(21.600)$$

$$- \Sigma_{1,2,1,4,1,1,1} + 5\Sigma_{1,2,2}\Sigma_{1,2,3} + 5\Sigma_{1,2,2}\Sigma_{1,3,2} + 5\Sigma_{1,2,2}\Sigma_{1,4,1} - 30\Sigma_{1,2,2}\Sigma_2\Sigma_4(22.700)$$

$$+ 5\Sigma_{1,2,2}\Sigma_{2,1,3} + 5\Sigma_{1,2,2}\Sigma_{2,2,2} + 5\Sigma_{1,2,2}\Sigma_{2,3,1} - 15\Sigma_{1,2,2}\Sigma_3^2 + 5\Sigma_{1,2,2}\Sigma_{3,1,2}(22.900)$$

$$+ 5\Sigma_{1,2,2}\Sigma_{3,2,1} + 5\Sigma_{1,2,2}\Sigma_{4,1,1} + 5\Sigma_{1,2,2,1}\Sigma_{1,4} + 5\Sigma_{1,2,2,1}\Sigma_{2,3} + 5\Sigma_{1,2,2,1}\Sigma_{3,2}(21.500)$$

$$+ 5\Sigma_{1,2,2,1}\Sigma_{4,1} + 5\Sigma_{1,2,2,1,1}\Sigma_4 - \Sigma_{1,2,2,1,1,1,3} - \Sigma_{1,2,2,1,1,2,2} - \Sigma_{1,2,2,1,1,3,1} + 5\Sigma_{1,2,2,1,2}\Sigma_3(21.600)$$

$$- \Sigma_{1,2,2,1,2,1,2} - \Sigma_{1,2,2,1,2,2,1} + 5\Sigma_{1,2,2,1,3}\Sigma_2 - \Sigma_{1,2,2,1,3,1,1} + 5\Sigma_{1,2,2,2}\Sigma_{1,3} + 5\Sigma_{1,2,2,2}\Sigma_{2,2}(21.000)$$

$$+ 5\Sigma_{1,2,2,2}\Sigma_{3,1} + 5\Sigma_{1,2,2,2,1}\Sigma_3 - \Sigma_{1,2,2,2,1,1,2} - \Sigma_{1,2,2,2,1,2,1} + 5\Sigma_{1,2,2,2,2}\Sigma_2 - \Sigma_{1,2,2,2,2,1,1}(21.600)$$

$$+ 5\Sigma_{1,2,2,3}\Sigma_{2,1} + 5\Sigma_{1,2,2,3,1}\Sigma_2 - \Sigma_{1,2,2,3,1,1,1} + 5\Sigma_{1,2,3}\Sigma_{1,3,1} - 30\Sigma_{1,2,3}\Sigma_2\Sigma_3(23.300)$$

$$+ 5\Sigma_{1,2,3}\Sigma_{2,1,2} + 5\Sigma_{1,2,3}\Sigma_{2,2,1} + 5\Sigma_{1,2,3}\Sigma_{3,1,1} + 5\Sigma_{1,2,3,1}\Sigma_{1,3} + 5\Sigma_{1,2,3,1}\Sigma_{2,2}(21.500)$$

$$+ 5\Sigma_{1,2,3,1}\Sigma_{3,1} + 5\Sigma_{1,2,3,1,1}\Sigma_3 - \Sigma_{1,2,3,1,1,1,2} - \Sigma_{1,2,3,1,1,2,1} + 5\Sigma_{1,2,3,1,2}\Sigma_2 - \Sigma_{1,2,3,1,2,1,1}(21.600)$$

$$+ 5\Sigma_{1,2,3,2}\Sigma_{2,1} + 5\Sigma_{1,2,3,2,1}\Sigma_2 - \Sigma_{1,2,3,2,1,1,1} - 15\Sigma_{1,2,4}\Sigma_2^2 + 5\Sigma_{1,2,4}\Sigma_{2,1,1}(21.700)$$

$$+ 5\Sigma_{1,2,4,1}\Sigma_{2,1} + 5\Sigma_{1,2,4,1,1}\Sigma_2 - \Sigma_{1,2,4,1,1,1,1} - 15\Sigma_{1,3}^2\Sigma_3 + 5\Sigma_{1,3}\Sigma_{1,3,1,2}(21.700)$$

$$+ 5\Sigma_{1,3}\Sigma_{1,3,2,1} - 30\Sigma_{1,3}\Sigma_{1,4}\Sigma_2 + 5\Sigma_{1,3}\Sigma_{1,4,1,1} - 30\Sigma_{1,3}\Sigma_2\Sigma_{2,3}(22.000)$$

$$- 30\Sigma_{1,3}\Sigma_2\Sigma_{3,2} - 30\Sigma_{1,3}\Sigma_2\Sigma_{4,1} - 30\Sigma_{1,3}\Sigma_{2,1}\Sigma_4 (20.100)$$

$$+ 5\Sigma_{1,3}\Sigma_{2,1,1,3} + 5\Sigma_{1,3}\Sigma_{2,1,2,2} + 5\Sigma_{1,3}\Sigma_{2,1,3,1} - 30\Sigma_{1,3}\Sigma_{2,2}\Sigma_3 + 5\Sigma_{1,3}\Sigma_{2,2,1,2} (23.900)$$

$$+ 5\Sigma_{1,3}\Sigma_{2,2,2,1} + 5\Sigma_{1,3}\Sigma_{2,3,1,1} - 30\Sigma_{1,3}\Sigma_3\Sigma_{3,1} + 5\Sigma_{1,3}\Sigma_{3,1,1,2} + 5\Sigma_{1,3}\Sigma_{3,1,2,1} (23.900)$$

$$+ 5\Sigma_{1,3}\Sigma_{3,2,1,1} + 5\Sigma_{1,3}\Sigma_{4,1,1,1} + 5\Sigma_{1,3,1}\Sigma_{1,3,2} + 5\Sigma_{1,3,1}\Sigma_{1,4,1} - 30\Sigma_{1,3,1}\Sigma_2\Sigma_4 (24.500)$$

$$+ 5\Sigma_{1,3,1}\Sigma_{2,1,3} + 5\Sigma_{1,3,1}\Sigma_{2,2,2} + 5\Sigma_{1,3,1}\Sigma_{2,3,1} - 15\Sigma_{1,3,1}\Sigma_3^2 + 5\Sigma_{1,3,1}\Sigma_{3,1,2} (22.900)$$

$$+ 5\Sigma_{1,3,1}\Sigma_{3,2,1} + 5\Sigma_{1,3,1}\Sigma_{4,1,1} + 5\Sigma_{1,3,1,1}\Sigma_{1,4} + 5\Sigma_{1,3,1,1}\Sigma_{2,3} + 5\Sigma_{1,3,1,1}\Sigma_{3,2} (21.500)$$

$$+ 5\Sigma_{1,3,1,1}\Sigma_{4,1} + 5\Sigma_{1,3,1,1,1}\Sigma_4 - \Sigma_{1,3,1,1,1,1,3} - \Sigma_{1,3,1,1,1,2,2} - \Sigma_{1,3,1,1,1,3,1} + 5\Sigma_{1,3,1,1,2}\Sigma_3 (21.600)$$

$$- \Sigma_{1,3,1,1,2,1,2} - \Sigma_{1,3,1,1,2,2,1} + 5\Sigma_{1,3,1,1,3}\Sigma_2 - \Sigma_{1,3,1,1,3,1,1} + 5\Sigma_{1,3,1,2}\Sigma_{2,2} + 5\Sigma_{1,3,1,2}\Sigma_{3,1} (21.000)$$

$$+ 5\Sigma_{1,3,1,2,1}\Sigma_3 - \Sigma_{1,3,1,2,1,1,2} - \Sigma_{1,3,1,2,1,2,1} + 5\Sigma_{1,3,1,2,2}\Sigma_2 - \Sigma_{1,3,1,2,2,1,1} + 5\Sigma_{1,3,1,3}\Sigma_{2,1} (21.600)$$

$$+ 5\Sigma_{1,3,1,3,1}\Sigma_2 - \Sigma_{1,3,1,3,1,1,1} - 30\Sigma_{1,3,2}\Sigma_2\Sigma_3 + 5\Sigma_{1,3,2}\Sigma_{2,1,2} + 5\Sigma_{1,3,2}\Sigma_{2,2,1} (23.300)$$

$$+ 5\Sigma_{1,3,2}\Sigma_{3,1,1} + 5\Sigma_{1,3,2,1}\Sigma_{2,2} + 5\Sigma_{1,3,2,1}\Sigma_{3,1} + 5\Sigma_{1,3,2,1,1}\Sigma_3 - \Sigma_{1,3,2,1,1,1,2} (20.300)$$

$$- \Sigma_{1,3,2,1,1,2,1} + 5\Sigma_{1,3,2,1,2}\Sigma_2 - \Sigma_{1,3,2,1,2,1,1} + 5\Sigma_{1,3,2,2}\Sigma_{2,1} + 5\Sigma_{1,3,2,2,1}\Sigma_2 - \Sigma_{1,3,2,2,1,1,1} (21.600)$$

$$- 15\Sigma_{1,3,3}\Sigma_2^2 + 5\Sigma_{1,3,3}\Sigma_{2,1,1} + 5\Sigma_{1,3,3,1}\Sigma_{2,1} + 5\Sigma_{1,3,3,1,1}\Sigma_2 - \Sigma_{1,3,3,1,1,1,1} (21.700)$$

$$- 30\Sigma_{1,4}\Sigma_2\Sigma_{2,2} - 30\Sigma_{1,4}\Sigma_2\Sigma_{3,1} - 30\Sigma_{1,4}\Sigma_{2,1}\Sigma_3 (20.100)$$

$$+ 5\Sigma_{1,4}\Sigma_{2,1,1,2} + 5\Sigma_{1,4}\Sigma_{2,1,2,1} + 5\Sigma_{1,4}\Sigma_{2,2,1,1} + 5\Sigma_{1,4}\Sigma_{3,1,1,1} - 30\Sigma_{1,4,1}\Sigma_2\Sigma_3 (24.500)$$

$$+ 5\Sigma_{1,4,1}\Sigma_{2,1,2} + 5\Sigma_{1,4,1}\Sigma_{2,2,1} + 5\Sigma_{1,4,1}\Sigma_{3,1,1} + 5\Sigma_{1,4,1,1}\Sigma_{2,2} + 5\Sigma_{1,4,1,1}\Sigma_{3,1} (21.500)$$

$$+ 5\Sigma_{1,4,1,1,1}\Sigma_3 - \Sigma_{1,4,1,1,1,1,2} - \Sigma_{1,4,1,1,1,2,1} + 5\Sigma_{1,4,1,1,2}\Sigma_2 - \Sigma_{1,4,1,1,2,1,1} + 5\Sigma_{1,4,1,2}\Sigma_{2,1} (21.600)$$

$$+ 5\Sigma_{1,4,1,2,1}\Sigma_2 - \Sigma_{1,4,1,2,1,1,1} - 15\Sigma_{1,4,2}\Sigma_2^2 + 5\Sigma_{1,4,2}\Sigma_{2,1,1} + 5\Sigma_{1,4,2,1}\Sigma_{2,1} (21.700)$$

$$+ 5\Sigma_{1,4,2,1,1}\Sigma_2 - \Sigma_{1,4,2,1,1,1,1} - 30\Sigma_{1,5}\Sigma_2\Sigma_{2,1} + 5\Sigma_{1,5}\Sigma_{2,1,1,1} - 15\Sigma_{1,5,1}\Sigma_2^2 (24.100)$$

$$+ 5\Sigma_{1,5,1}\Sigma_{2,1,1} + 5\Sigma_{1,5,1,1}\Sigma_{2,1} + 5\Sigma_{1,5,1,1,1}\Sigma_2 - \Sigma_{1,5,1,1,1,1,1} + 35\Sigma_2^3\Sigma_5 (22.300)$$

$$- 15\Sigma_2^2\Sigma_{2,1,4} - 15\Sigma_2^2\Sigma_{2,2,3} - 15\Sigma_2^2\Sigma_{2,3,2} - 15\Sigma_2^2\Sigma_{2,4,1} (22.800)$$

$$+ 105\Sigma_2^2\Sigma_3\Sigma_4 - 15\Sigma_2^2\Sigma_{3,1,3} - 15\Sigma_2^2\Sigma_{3,2,2} (20.100)$$

$$- 15\Sigma_2^2\Sigma_{3,3,1} - 15\Sigma_2^2\Sigma_{4,1,2} - 15\Sigma_2^2\Sigma_{4,2,1} - 15\Sigma_2^2\Sigma_{5,1,1} (22.800)$$

$$- 30\Sigma_2\Sigma_{2,1}\Sigma_{2,4} - 30\Sigma_2\Sigma_{2,1}\Sigma_{3,3} - 30\Sigma_2\Sigma_{2,1}\Sigma_{4,2} (20.100)$$

$$- 30\Sigma_2\Sigma_{2,1}\Sigma_{5,1} - 30\Sigma_2\Sigma_{2,1,1}\Sigma_5 + 5\Sigma_2\Sigma_{2,1,1,1,4} + 5\Sigma_2\Sigma_{2,1,1,2,3} (23.800)$$

$$+ 5\Sigma_2\Sigma_{2,1,1,3,2} + 5\Sigma_2\Sigma_{2,1,1,4,1} - 30\Sigma_2\Sigma_{2,1,2}\Sigma_4 + 5\Sigma_2\Sigma_{2,1,2,1,3} (22.000)$$

$$+ 5\Sigma_2\Sigma_{2,1,2,2,2} + 5\Sigma_2\Sigma_{2,1,2,3,1} - 30\Sigma_2\Sigma_{2,1,3}\Sigma_3 + 5\Sigma_2\Sigma_{2,1,3,1,2} (22.000)$$

$$+ 5\Sigma_2\Sigma_{2,1,3,2,1} + 5\Sigma_2\Sigma_{2,1,4,1,1} - 30\Sigma_2\Sigma_{2,2}\Sigma_{2,3} - 30\Sigma_2\Sigma_{2,2}\Sigma_{3,2}(23.200)$$

$$- 30\Sigma_2\Sigma_{2,2}\Sigma_{4,1} - 30\Sigma_2\Sigma_{2,2,1}\Sigma_4 + 5\Sigma_2\Sigma_{2,2,1,1,3} + 5\Sigma_2\Sigma_{2,2,1,2,2}(23.800)$$

$$+ 5\Sigma_2\Sigma_{2,2,1,3,1} - 30\Sigma_2\Sigma_{2,2,2}\Sigma_3 + 5\Sigma_2\Sigma_{2,2,2,1,2} + 5\Sigma_2\Sigma_{2,2,2,2,1}(22.000)$$

$$+ 5\Sigma_2\Sigma_{2,2,3,1,1} - 30\Sigma_2\Sigma_{2,3}\Sigma_{3,1} - 30\Sigma_2\Sigma_{2,3,1}\Sigma_3 + 5\Sigma_2\Sigma_{2,3,1,1,2}(23.800)$$

$$+ 5\Sigma_2\Sigma_{2,3,1,2,1} + 5\Sigma_2\Sigma_{2,3,2,1,1} + 5\Sigma_2\Sigma_{2,4,1,1,1} + 35\Sigma_2\Sigma_3^3(21.000)$$

$$- 30\Sigma_2\Sigma_3\Sigma_{3,1,2} - 30\Sigma_2\Sigma_3\Sigma_{3,2,1} - 30\Sigma_2\Sigma_3\Sigma_{4,1,1}(21.900)$$

$$- 30\Sigma_2\Sigma_{3,1}\Sigma_{3,2} - 30\Sigma_2\Sigma_{3,1}\Sigma_{4,1} - 30\Sigma_2\Sigma_{3,1,1}\Sigma_4(20.700)$$

$$+ 5\Sigma_2\Sigma_{3,1,1,1,3} + 5\Sigma_2\Sigma_{3,1,1,2,2} + 5\Sigma_2\Sigma_{3,1,1,3,1} + 5\Sigma_2\Sigma_{3,1,2,1,2} + 5\Sigma_2\Sigma_{3,1,2,2,1}(24.500)$$

$$+ 5\Sigma_2\Sigma_{3,1,3,1,1} + 5\Sigma_2\Sigma_{3,2,1,1,2} + 5\Sigma_2\Sigma_{3,2,1,2,1} + 5\Sigma_2\Sigma_{3,2,2,1,1} + 5\Sigma_2\Sigma_{3,3,1,1,1}(24.500)$$

$$+ 5\Sigma_2\Sigma_{4,1,1,1,2} + 5\Sigma_2\Sigma_{4,1,1,2,1} + 5\Sigma_2\Sigma_{4,1,2,1,1} + 5\Sigma_2\Sigma_{4,2,1,1,1} + 5\Sigma_2\Sigma_{5,1,1,1,1}(24.500)$$

$$- 15\Sigma_{2,1}^2\Sigma_5 + 5\Sigma_{2,1}\Sigma_{2,1,1,4} + 5\Sigma_{2,1}\Sigma_{2,1,2,3} + 5\Sigma_{2,1}\Sigma_{2,1,3,2} + 5\Sigma_{2,1}\Sigma_{2,1,4,1}(22.900)$$

$$- 30\Sigma_{2,1}\Sigma_{2,2}\Sigma_4 + 5\Sigma_{2,1}\Sigma_{2,2,1,3} + 5\Sigma_{2,1}\Sigma_{2,2,2,2} + 5\Sigma_{2,1}\Sigma_{2,2,3,1} - 30\Sigma_{2,1}\Sigma_{2,3}\Sigma_3(26.300)$$

$$+ 5\Sigma_{2,1}\Sigma_{2,3,1,2} + 5\Sigma_{2,1}\Sigma_{2,3,2,1} + 5\Sigma_{2,1}\Sigma_{2,4,1,1} - 30\Sigma_{2,1}\Sigma_3\Sigma_{3,2} - 30\Sigma_{2,1}\Sigma_3\Sigma_{4,1}(26.300)$$

$$- 30\Sigma_{2,1}\Sigma_{3,1}\Sigma_4 + 5\Sigma_{2,1}\Sigma_{3,1,1,3} + 5\Sigma_{2,1}\Sigma_{3,1,2,2} + 5\Sigma_{2,1}\Sigma_{3,1,3,1} + 5\Sigma_{2,1}\Sigma_{3,2,1,2}(23.900)$$

$$+ 5\Sigma_{2,1}\Sigma_{3,2,2,1} + 5\Sigma_{2,1}\Sigma_{3,3,1,1} + 5\Sigma_{2,1}\Sigma_{4,1,1,2} + 5\Sigma_{2,1}\Sigma_{4,1,2,1} + 5\Sigma_{2,1}\Sigma_{4,2,1,1}(21.500)$$

$$+ 5\Sigma_{2,1}\Sigma_{5,1,1,1} + 5\Sigma_{2,1,1}\Sigma_{2,1,4} + 5\Sigma_{2,1,1}\Sigma_{2,2,3} + 5\Sigma_{2,1,1}\Sigma_{2,3,2} + 5\Sigma_{2,1,1}\Sigma_{2,4,1}(21.500)$$

$$- 30\Sigma_{2,1,1}\Sigma_3\Sigma_4 + 5\Sigma_{2,1,1}\Sigma_{3,1,3} + 5\Sigma_{2,1,1}\Sigma_{3,2,2} + 5\Sigma_{2,1,1}\Sigma_{3,3,1}(20.200)$$

$$+ 5\Sigma_{2,1,1}\Sigma_{4,1,2} + 5\Sigma_{2,1,1}\Sigma_{4,2,1} + 5\Sigma_{2,1,1}\Sigma_{5,1,1} + 5\Sigma_{2,1,1,1}\Sigma_{2,4} + 5\Sigma_{2,1,1,1}\Sigma_{3,3}(21.500)$$

$$+ 5\Sigma_{2,1,1,1}\Sigma_{4,2} + 5\Sigma_{2,1,1,1}\Sigma_{5,1} + 5\Sigma_{2,1,1,1,1}\Sigma_5 - \Sigma_{2,1,1,1,1,1,4} - \Sigma_{2,1,1,1,1,2,3} - \Sigma_{2,1,1,1,1,3,2}(21.000)$$

$$- \Sigma_{2,1,1,1,1,4,1} + 5\Sigma_{2,1,1,1,2}\Sigma_4 - \Sigma_{2,1,1,1,2,1,3} - \Sigma_{2,1,1,1,2,2,2} - \Sigma_{2,1,1,1,2,3,1} + 5\Sigma_{2,1,1,1,3}\Sigma_3 - \Sigma_{2,1,1,1,3,1,2}(22.300)$$

$$- \Sigma_{2,1,1,1,3,2,1} - \Sigma_{2,1,1,1,4,1,1} + 5\Sigma_{2,1,1,2}\Sigma_{2,3} + 5\Sigma_{2,1,1,2}\Sigma_{3,2} + 5\Sigma_{2,1,1,2}\Sigma_{4,1} + 5\Sigma_{2,1,1,2,1}\Sigma_4(22.800)$$

$$- \Sigma_{2,1,1,2,1,1,3} - \Sigma_{2,1,1,2,1,2,2} - \Sigma_{2,1,1,2,1,3,1} + 5\Sigma_{2,1,1,2,2}\Sigma_3 - \Sigma_{2,1,1,2,2,1,2} - \Sigma_{2,1,1,2,2,2,1} - \Sigma_{2,1,1,2,3,1,1} + 5\Sigma_{2,1,1,3}\Sigma_{2,2}(24.200)$$

$$+ 5\Sigma_{2,1,1,3}\Sigma_{3,1} + 5\Sigma_{2,1,1,3,1}\Sigma_3 - \Sigma_{2,1,1,3,1,1,2} - \Sigma_{2,1,1,3,1,2,1} - \Sigma_{2,1,1,3,2,1,1} - \Sigma_{2,1,1,4,1,1,1} + 5\Sigma_{2,1,2}\Sigma_{2,1,3}(23.500)$$

$$+ 5\Sigma_{2,1,2}\Sigma_{2,2,2} + 5\Sigma_{2,1,2}\Sigma_{2,3,1} - 15\Sigma_{2,1,2}\Sigma_3^2 + 5\Sigma_{2,1,2}\Sigma_{3,1,2} + 5\Sigma_{2,1,2}\Sigma_{3,2,1}(22.900)$$

$$+ 5\Sigma_{2,1,2}\Sigma_{4,1,1} + 5\Sigma_{2,1,2,1}\Sigma_{2,3} + 5\Sigma_{2,1,2,1}\Sigma_{3,2} + 5\Sigma_{2,1,2,1}\Sigma_{4,1} + 5\Sigma_{2,1,2,1,1}\Sigma_4(22.100)$$

$$- \Sigma_{2,1,2,1,1,1,3} - \Sigma_{2,1,2,1,1,2,2} - \Sigma_{2,1,2,1,1,3,1} + 5\Sigma_{2,1,2,1,2}\Sigma_3 - \Sigma_{2,1,2,1,2,1,2} - \Sigma_{2,1,2,1,2,2,1} - \Sigma_{2,1,2,1,3,1,1} + 5\Sigma_{2,1,2,2}\Sigma_{2,2}(24.200)$$

$$+ 5\Sigma_{2,1,2,2}\Sigma_{3,1} + 5\Sigma_{2,1,2,2,1}\Sigma_3 - \Sigma_{2,1,2,2,1,1,2} - \Sigma_{2,1,2,2,1,2,1} - \Sigma_{2,1,2,2,2,1,1} - \Sigma_{2,1,2,3,1,1,1} + 5\Sigma_{2,1,3}\Sigma_{2,2,1}(23.500)$$

$$+ 5\Sigma_{2,1,3}\Sigma_{3,1,1} + 5\Sigma_{2,1,3,1}\Sigma_{2,2} + 5\Sigma_{2,1,3,1}\Sigma_{3,1} + 5\Sigma_{2,1,3,1,1}\Sigma_3 - \Sigma_{2,1,3,1,1,1,2}(20.300)$$

$$- \Sigma_{2,1,3,1,1,2,1} - \Sigma_{2,1,3,1,2,1,1} - \Sigma_{2,1,3,2,1,1,1} - \Sigma_{2,1,4,1,1,1,1} - 15\Sigma_{2,2}^2\Sigma_3 + 5\Sigma_{2,2}\Sigma_{2,2,1,2} + 5\Sigma_{2,2}\Sigma_{2,2,2,1}(24.300)$$

$$+ 5\Sigma_{2,2}\Sigma_{2,3,1,1} - 30\Sigma_{2,2}\Sigma_3\Sigma_{3,1} + 5\Sigma_{2,2}\Sigma_{3,1,1,2} + 5\Sigma_{2,2}\Sigma_{3,1,2,1} + 5\Sigma_{2,2}\Sigma_{3,2,1,1}(23.900)$$

$$+ 5\Sigma_{2,2}\Sigma_{4,1,1,1} + 5\Sigma_{2,2,1}\Sigma_{2,2,2} + 5\Sigma_{2,2,1}\Sigma_{2,3,1} - 15\Sigma_{2,2,1}\Sigma_3^2 + 5\Sigma_{2,2,1}\Sigma_{3,1,2}(22.900)$$

$$+ 5\Sigma_{2,2,1}\Sigma_{3,2,1} + 5\Sigma_{2,2,1}\Sigma_{4,1,1} + 5\Sigma_{2,2,1,1}\Sigma_{2,3} + 5\Sigma_{2,2,1,1}\Sigma_{3,2} + 5\Sigma_{2,2,1,1}\Sigma_{4,1}(21.500)$$

$$+ 5\Sigma_{2,2,1,1,1}\Sigma_4 - \Sigma_{2,2,1,1,1,1,3} - \Sigma_{2,2,1,1,1,2,2} - \Sigma_{2,2,1,1,1,3,1} + 5\Sigma_{2,2,1,1,2}\Sigma_3 - \Sigma_{2,2,1,1,2,1,2} - \Sigma_{2,2,1,1,2,2,1}(22.300)$$

$$- \Sigma_{2,2,1,1,3,1,1} + 5\Sigma_{2,2,1,2}\Sigma_{3,1} + 5\Sigma_{2,2,1,2,1}\Sigma_3 - \Sigma_{2,2,1,2,1,1,2} - \Sigma_{2,2,1,2,1,2,1} - \Sigma_{2,2,1,2,2,1,1} - \Sigma_{2,2,1,3,1,1,1}(21.700)$$

$$+ 5\Sigma_{2,2,2}\Sigma_{3,1,1} + 5\Sigma_{2,2,2,1}\Sigma_{3,1} + 5\Sigma_{2,2,2,1,1}\Sigma_3 - \Sigma_{2,2,2,1,1,1,2} - \Sigma_{2,2,2,1,1,2,1} - \Sigma_{2,2,2,1,2,1,1}(21.000)$$

$$- \Sigma_{2,2,2,2,1,1,1} - \Sigma_{2,2,3,1,1,1,1} + 5\Sigma_{2,3}\Sigma_{3,1,1,1} + 5\Sigma_{2,3,1}\Sigma_{3,1,1} + 5\Sigma_{2,3,1,1}\Sigma_{3,1} + 5\Sigma_{2,3,1,1,1}\Sigma_3(22.800)$$

$$- \Sigma_{2,3,1,1,1,1,2} - \Sigma_{2,3,1,1,1,2,1} - \Sigma_{2,3,1,1,2,1,1} - \Sigma_{2,3,1,2,1,1,1} - \Sigma_{2,3,2,1,1,1,1} - \Sigma_{2,4,1,1,1,1,1} - 15\Sigma_3^2\Sigma_{3,1,1}(20.700)$$

$$- 15\Sigma_3\Sigma_{3,1}^2 + 5\Sigma_3\Sigma_{3,1,1,1,2} + 5\Sigma_3\Sigma_{3,1,1,2,1} + 5\Sigma_3\Sigma_{3,1,2,1,1}(20.400)$$

$$+ 5\Sigma_3\Sigma_{3,2,1,1,1} + 5\Sigma_3\Sigma_{4,1,1,1,1} + 5\Sigma_{3,1}\Sigma_{3,1,1,2} + 5\Sigma_{3,1}\Sigma_{3,1,2,1} + 5\Sigma_{3,1}\Sigma_{3,2,1,1}(22.700)$$

$$+ 5\Sigma_{3,1}\Sigma_{4,1,1,1} + 5\Sigma_{3,1,1}\Sigma_{3,1,2} + 5\Sigma_{3,1,1}\Sigma_{3,2,1} + 5\Sigma_{3,1,1}\Sigma_{4,1,1} + 5\Sigma_{3,1,1,1}\Sigma_{3,2}(21.500)$$

$$+ 5\Sigma_{3,1,1,1}\Sigma_{4,1} + 5\Sigma_{3,1,1,1,1}\Sigma_4 - \Sigma_{3,1,1,1,1,1,3} - \Sigma_{3,1,1,1,1,2,2} - \Sigma_{3,1,1,1,1,3,1} - \Sigma_{3,1,1,1,2,1,2} - \Sigma_{3,1,1,1,2,2,1}(21.700)$$

$$- \Sigma_{3,1,1,1,3,1,1} - \Sigma_{3,1,1,2,1,1,2} - \Sigma_{3,1,1,2,1,2,1} - \Sigma_{3,1,1,2,2,1,1} - \Sigma_{3,1,1,3,1,1,1} - \Sigma_{3,1,2,1,1,1,2} - \Sigma_{3,1,2,1,1,2,1} - \Sigma_{3,1,2,1,2,1,1} - \Sigma_{3,1,2,2,1,1,1}(22.500)$$

$$- \Sigma_{3,1,3,1,1,1,1} - \Sigma_{3,2,1,1,1,1,2} - \Sigma_{3,2,1,1,1,2,1} - \Sigma_{3,2,1,1,2,1,1} - \Sigma_{3,2,1,2,1,1,1} - \Sigma_{3,2,2,1,1,1,1} - \Sigma_{3,3,1,1,1,1,1} - \Sigma_{4,1,1,1,1,1,2} - \Sigma_{4,1,1,1,1,2,1}(22.500)$$

$$- \Sigma_{4,1,1,1,2,1,1} - \Sigma_{4,1,1,2,1,1,1} - \Sigma_{4,1,2,1,1,1,1} - \Sigma_{4,2,1,1,1,1,1} - \Sigma_{5,1,1,1,1,1,1})$$

$$+ V_{00}^5(-21\Sigma_1^2\Sigma_{1,8} - 21\Sigma_1^2\Sigma_{2,7} - 21\Sigma_1^2\Sigma_{3,6}(21.100)$$

$$- 21\Sigma_1^2\Sigma_{4,5} - 21\Sigma_1^2\Sigma_{5,4} - 21\Sigma_1^2\Sigma_{6,3} - 21\Sigma_1^2\Sigma_{7,2}(22.800)$$

$$- 21\Sigma_1^2\Sigma_{8,1} - 42\Sigma_1\Sigma_{1,1}\Sigma_8 + 6\Sigma_1\Sigma_{1,1,1,7} + 6\Sigma_1\Sigma_{1,1,2,6}(22.800)$$

$$+ 6\Sigma_1\Sigma_{1,1,3,5} + 6\Sigma_1\Sigma_{1,1,4,4} + 6\Sigma_1\Sigma_{1,1,5,3} + 6\Sigma_1\Sigma_{1,1,6,2} + 6\Sigma_1\Sigma_{1,1,7,1}(24.500)$$

$$- 42\Sigma_1\Sigma_{1,2}\Sigma_7 + 6\Sigma_1\Sigma_{1,2,1,6} + 6\Sigma_1\Sigma_{1,2,2,5} + 6\Sigma_1\Sigma_{1,2,3,4}(22.000)$$

$$+ 6\Sigma_1\Sigma_{1,2,4,3} + 6\Sigma_1\Sigma_{1,2,5,2} + 6\Sigma_1\Sigma_{1,2,6,1} - 42\Sigma_1\Sigma_{1,3}\Sigma_6(22.000)$$

$$+ 6\Sigma_1\Sigma_{1,3,1,5} + 6\Sigma_1\Sigma_{1,3,2,4} + 6\Sigma_1\Sigma_{1,3,3,3} + 6\Sigma_1\Sigma_{1,3,4,2} + 6\Sigma_1\Sigma_{1,3,5,1}(24.500)$$

$$- 42\Sigma_1\Sigma_{1,4}\Sigma_5 + 6\Sigma_1\Sigma_{1,4,1,4} + 6\Sigma_1\Sigma_{1,4,2,3} + 6\Sigma_1\Sigma_{1,4,3,2}(22.000)$$

$$+ 6\Sigma_1\Sigma_{1,4,4,1} - 42\Sigma_1\Sigma_{1,5}\Sigma_4 + 6\Sigma_1\Sigma_{1,5,1,3} + 6\Sigma_1\Sigma_{1,5,2,2}(22.000)$$

$$+ 6\Sigma_1\Sigma_{1,5,3,1} - 42\Sigma_1\Sigma_{1,6}\Sigma_3 + 6\Sigma_1\Sigma_{1,6,1,2} + 6\Sigma_1\Sigma_{1,6,2,1}(22.000)$$

$$- 42\Sigma_1\Sigma_{1,7}\Sigma_2 + 6\Sigma_1\Sigma_{1,7,1,1} - 42\Sigma_1\Sigma_2\Sigma_{2,6} - 42\Sigma_1\Sigma_2\Sigma_{3,5}(26.800)$$

$$- 42\Sigma_1\Sigma_2\Sigma_{4,4} - 42\Sigma_1\Sigma_2\Sigma_{5,3} - 42\Sigma_1\Sigma_2\Sigma_{6,2}(21.900)$$

$$- 42\Sigma_1\Sigma_2\Sigma_{7,1} - 42\Sigma_1\Sigma_{2,1}\Sigma_7 + 6\Sigma_1\Sigma_{2,1,1,6} + 6\Sigma_1\Sigma_{2,1,2,5}(24.400)$$

$$+ 6\Sigma_1\Sigma_{2,1,3,4} + 6\Sigma_1\Sigma_{2,1,4,3} + 6\Sigma_1\Sigma_{2,1,5,2} + 6\Sigma_1\Sigma_{2,1,6,1} - 42\Sigma_1\Sigma_{2,2}\Sigma_6(26.900)$$

$$+ 6\Sigma_1\Sigma_{2,2,1,5} + 6\Sigma_1\Sigma_{2,2,2,4} + 6\Sigma_1\Sigma_{2,2,3,3} + 6\Sigma_1\Sigma_{2,2,4,2} + 6\Sigma_1\Sigma_{2,2,5,1}(24.500)$$

$$- 42\Sigma_1\Sigma_{2,3}\Sigma_5 + 6\Sigma_1\Sigma_{2,3,1,4} + 6\Sigma_1\Sigma_{2,3,2,3} + 6\Sigma_1\Sigma_{2,3,3,2}(22.000)$$

$$+ 6\Sigma_1\Sigma_{2,3,4,1} - 42\Sigma_1\Sigma_{2,4}\Sigma_4 + 6\Sigma_1\Sigma_{2,4,1,3} + 6\Sigma_1\Sigma_{2,4,2,2}(22.000)$$

$$+ 6\Sigma_1\Sigma_{2,4,3,1} - 42\Sigma_1\Sigma_{2,5}\Sigma_3 + 6\Sigma_1\Sigma_{2,5,1,2} + 6\Sigma_1\Sigma_{2,5,2,1}(22.000)$$

$$+ 6\Sigma_1\Sigma_{2,6,1,1} - 42\Sigma_1\Sigma_3\Sigma_{3,4} - 42\Sigma_1\Sigma_3\Sigma_{4,3} - 42\Sigma_1\Sigma_3\Sigma_{5,2}(26.800)$$

$$- 42\Sigma_1\Sigma_3\Sigma_{6,1} - 42\Sigma_1\Sigma_{3,1}\Sigma_6 + 6\Sigma_1\Sigma_{3,1,1,5} + 6\Sigma_1\Sigma_{3,1,2,4}(24.400)$$

$$+ 6\Sigma_1\Sigma_{3,1,3,3} + 6\Sigma_1\Sigma_{3,1,4,2} + 6\Sigma_1\Sigma_{3,1,5,1} - 42\Sigma_1\Sigma_{3,2}\Sigma_5(22.000)$$

$$+ 6\Sigma_1\Sigma_{3,2,1,4} + 6\Sigma_1\Sigma_{3,2,2,3} + 6\Sigma_1\Sigma_{3,2,3,2} + 6\Sigma_1\Sigma_{3,2,4,1} - 42\Sigma_1\Sigma_{3,3}\Sigma_4(26.900)$$

$$+ 6\Sigma_1\Sigma_{3,3,1,3} + 6\Sigma_1\Sigma_{3,3,2,2} + 6\Sigma_1\Sigma_{3,3,3,1} + 6\Sigma_1\Sigma_{3,4,1,2} + 6\Sigma_1\Sigma_{3,4,2,1}(24.500)$$

$$+ 6\Sigma_1\Sigma_{3,5,1,1} - 42\Sigma_1\Sigma_4\Sigma_{4,2} - 42\Sigma_1\Sigma_4\Sigma_{5,1} - 42\Sigma_1\Sigma_{4,1}\Sigma_5(26.800)$$

$$+ 6\Sigma_1\Sigma_{4,1,1,4} + 6\Sigma_1\Sigma_{4,1,2,3} + 6\Sigma_1\Sigma_{4,1,3,2} + 6\Sigma_1\Sigma_{4,1,4,1} + 6\Sigma_1\Sigma_{4,2,1,3}(24.500)$$

$$+ 6\Sigma_1\Sigma_{4,2,2,2} + 6\Sigma_1\Sigma_{4,2,3,1} + 6\Sigma_1\Sigma_{4,3,1,2} + 6\Sigma_1\Sigma_{4,3,2,1} + 6\Sigma_1\Sigma_{4,4,1,1}(24.500)$$

$$+ 6\Sigma_1\Sigma_{5,1,1,3} + 6\Sigma_1\Sigma_{5,1,2,2} + 6\Sigma_1\Sigma_{5,1,3,1} + 6\Sigma_1\Sigma_{5,2,1,2} + 6\Sigma_1\Sigma_{5,2,2,1}(24.500)$$

$$+ 6\Sigma_1\Sigma_{5,3,1,1} + 6\Sigma_1\Sigma_{6,1,1,2} + 6\Sigma_1\Sigma_{6,1,2,1} + 6\Sigma_1\Sigma_{6,2,1,1} + 6\Sigma_1\Sigma_{7,1,1,1}(24.500)$$

$$+ 6\Sigma_{1,1}\Sigma_{1,1,7} + 6\Sigma_{1,1}\Sigma_{1,2,6} + 6\Sigma_{1,1}\Sigma_{1,3,5} + 6\Sigma_{1,1}\Sigma_{1,4,4} + 6\Sigma_{1,1}\Sigma_{1,5,3}(21.500)$$

$$+ 6\Sigma_{1,1}\Sigma_{1,6,2} + 6\Sigma_{1,1}\Sigma_{1,7,1} - 42\Sigma_{1,1}\Sigma_2\Sigma_7 + 6\Sigma_{1,1}\Sigma_{2,1,6}(20.200)$$

$$+ 6\Sigma_{1,1}\Sigma_{2,2,5} + 6\Sigma_{1,1}\Sigma_{2,3,4} + 6\Sigma_{1,1}\Sigma_{2,4,3} + 6\Sigma_{1,1}\Sigma_{2,5,2} + 6\Sigma_{1,1}\Sigma_{2,6,1}(21.500)$$

$$- 42\Sigma_{1,1}\Sigma_3\Sigma_6 + 6\Sigma_{1,1}\Sigma_{3,1,5} + 6\Sigma_{1,1}\Sigma_{3,2,4} + 6\Sigma_{1,1}\Sigma_{3,3,3}(20.200)$$

$$+ 6\Sigma_{1,1}\Sigma_{3,4,2} + 6\Sigma_{1,1}\Sigma_{3,5,1} - 42\Sigma_{1,1}\Sigma_4\Sigma_5 + 6\Sigma_{1,1}\Sigma_{4,1,4}(20.200)$$

$$+ 6\Sigma_{1,1}\Sigma_{4,2,3} + 6\Sigma_{1,1}\Sigma_{4,3,2} + 6\Sigma_{1,1}\Sigma_{4,4,1} + 6\Sigma_{1,1}\Sigma_{5,1,3} + 6\Sigma_{1,1}\Sigma_{5,2,2}(21.500)$$

$$+ 6\Sigma_{1,1}\Sigma_{5,3,1} + 6\Sigma_{1,1}\Sigma_{6,1,2} + 6\Sigma_{1,1}\Sigma_{6,2,1} + 6\Sigma_{1,1}\Sigma_{7,1,1} + 6\Sigma_{1,1,1}\Sigma_{1,7}(21.500)$$

$$+ 6\Sigma_{1,1,1}\Sigma_{2,6} + 6\Sigma_{1,1,1}\Sigma_{3,5} + 6\Sigma_{1,1,1}\Sigma_{4,4} + 6\Sigma_{1,1,1}\Sigma_{5,3} + 6\Sigma_{1,1,1}\Sigma_{6,2}(21.500)$$

$$+ 6\Sigma_{1,1,1}\Sigma_{7,1} + 6\Sigma_{1,1,1,1}\Sigma_7 - \Sigma_{1,1,1,1,1,6} - \Sigma_{1,1,1,1,2,5} - \Sigma_{1,1,1,1,3,4} - \Sigma_{1,1,1,1,4,3} - \Sigma_{1,1,1,1,5,2}(21.700)$$

$$- \Sigma_{1,1,1,1,6,1} + 6\Sigma_{1,1,1,2}\Sigma_6 - \Sigma_{1,1,1,2,1,5} - \Sigma_{1,1,1,2,2,4} - \Sigma_{1,1,1,2,3,3} - \Sigma_{1,1,1,2,4,2} - \Sigma_{1,1,1,2,5,1} + 6\Sigma_{1,1,1,3}\Sigma_5 (24.800)$$

$$- \Sigma_{1,1,1,3,1,4} - \Sigma_{1,1,1,3,2,3} - \Sigma_{1,1,1,3,3,2} - \Sigma_{1,1,1,3,4,1} + 6\Sigma_{1,1,1,4}\Sigma_4 - \Sigma_{1,1,1,4,1,3} - \Sigma_{1,1,1,4,2,2} - \Sigma_{1,1,1,4,3,1} (22.400)$$

$$+ 6\Sigma_{1,1,1,5}\Sigma_3 - \Sigma_{1,1,1,5,1,2} - \Sigma_{1,1,1,5,2,1} + 6\Sigma_{1,1,1,6}\Sigma_2 - \Sigma_{1,1,1,6,1,1} + 6\Sigma_{1,1,2}\Sigma_{1,6} (21.600)$$

$$+ 6\Sigma_{1,1,2}\Sigma_{2,5} + 6\Sigma_{1,1,2}\Sigma_{3,4} + 6\Sigma_{1,1,2}\Sigma_{4,3} + 6\Sigma_{1,1,2}\Sigma_{5,2} + 6\Sigma_{1,1,2}\Sigma_{6,1} (21.500)$$

$$+ 6\Sigma_{1,1,2,1}\Sigma_6 - \Sigma_{1,1,2,1,1,5} - \Sigma_{1,1,2,1,2,4} - \Sigma_{1,1,2,1,3,3} - \Sigma_{1,1,2,1,4,2} - \Sigma_{1,1,2,1,5,1} + 6\Sigma_{1,1,2,2}\Sigma_5 (22.300)$$

$$- \Sigma_{1,1,2,2,1,4} - \Sigma_{1,1,2,2,2,3} - \Sigma_{1,1,2,2,3,2} - \Sigma_{1,1,2,2,4,1} + 6\Sigma_{1,1,2,3}\Sigma_4 - \Sigma_{1,1,2,3,1,3} - \Sigma_{1,1,2,3,2,2} - \Sigma_{1,1,2,3,3,1} (22.400)$$

$$+ 6\Sigma_{1,1,2,4}\Sigma_3 - \Sigma_{1,1,2,4,1,2} - \Sigma_{1,1,2,4,2,1} + 6\Sigma_{1,1,2,5}\Sigma_2 - \Sigma_{1,1,2,5,1,1} + 6\Sigma_{1,1,3}\Sigma_{1,5} (21.600)$$

$$+ 6\Sigma_{1,1,3}\Sigma_{2,4} + 6\Sigma_{1,1,3}\Sigma_{3,3} + 6\Sigma_{1,1,3}\Sigma_{4,2} + 6\Sigma_{1,1,3}\Sigma_{5,1} + 6\Sigma_{1,1,3,1}\Sigma_5 (22.100)$$

$$- \Sigma_{1,1,3,1,1,4} - \Sigma_{1,1,3,1,2,3} - \Sigma_{1,1,3,1,3,2} - \Sigma_{1,1,3,1,4,1} + 6\Sigma_{1,1,3,2}\Sigma_4 - \Sigma_{1,1,3,2,1,3} - \Sigma_{1,1,3,2,2,2} - \Sigma_{1,1,3,2,3,1} (22.400)$$

$$+ 6\Sigma_{1,1,3,3}\Sigma_3 - \Sigma_{1,1,3,3,1,2} - \Sigma_{1,1,3,3,2,1} + 6\Sigma_{1,1,3,4}\Sigma_2 - \Sigma_{1,1,3,4,1,1} + 6\Sigma_{1,1,4}\Sigma_{1,4} (21.600)$$

$$+ 6\Sigma_{1,1,4}\Sigma_{2,3} + 6\Sigma_{1,1,4}\Sigma_{3,2} + 6\Sigma_{1,1,4}\Sigma_{4,1} + 6\Sigma_{1,1,4,1}\Sigma_4 - \Sigma_{1,1,4,1,1,3} (20.300)$$

$$- \Sigma_{1,1,4,1,2,2} - \Sigma_{1,1,4,1,3,1} + 6\Sigma_{1,1,4,2}\Sigma_3 - \Sigma_{1,1,4,2,1,2} - \Sigma_{1,1,4,2,2,1} + 6\Sigma_{1,1,4,3}\Sigma_2 - \Sigma_{1,1,4,3,1,1} (22.300)$$

$$+ 6\Sigma_{1,1,5}\Sigma_{1,3} + 6\Sigma_{1,1,5}\Sigma_{2,2} + 6\Sigma_{1,1,5}\Sigma_{3,1} + 6\Sigma_{1,1,5,1}\Sigma_3 - \Sigma_{1,1,5,1,1,2} (20.300)$$

$$- \Sigma_{1,1,5,1,2,1} + 6\Sigma_{1,1,5,2}\Sigma_2 - \Sigma_{1,1,5,2,1,1} + 6\Sigma_{1,1,6}\Sigma_{1,2} + 6\Sigma_{1,1,6}\Sigma_{2,1} + 6\Sigma_{1,1,6,1}\Sigma_2 (23.400)$$

$$- \Sigma_{1,1,6,1,1,1} + 6\Sigma_{1,2}\Sigma_{1,2,5} + 6\Sigma_{1,2}\Sigma_{1,3,4} + 6\Sigma_{1,2}\Sigma_{1,4,3} + 6\Sigma_{1,2}\Sigma_{1,5,2} + 6\Sigma_{1,2}\Sigma_{1,6,1} (24.000)$$

$$- 42\Sigma_{1,2}\Sigma_2\Sigma_6 + 6\Sigma_{1,2}\Sigma_{2,1,5} + 6\Sigma_{1,2}\Sigma_{2,2,4} + 6\Sigma_{1,2}\Sigma_{2,3,3} (20.200)$$

$$+ 6\Sigma_{1,2}\Sigma_{2,4,2} + 6\Sigma_{1,2}\Sigma_{2,5,1} - 42\Sigma_{1,2}\Sigma_3\Sigma_5 + 6\Sigma_{1,2}\Sigma_{3,1,4} (20.200)$$

$$+ 6\Sigma_{1,2}\Sigma_{3,2,3} + 6\Sigma_{1,2}\Sigma_{3,3,2} + 6\Sigma_{1,2}\Sigma_{3,4,1} - 21\Sigma_{1,2}\Sigma_4^2 + 6\Sigma_{1,2}\Sigma_{4,1,3} (22.900)$$

$$+ 6\Sigma_{1,2}\Sigma_{4,2,2} + 6\Sigma_{1,2}\Sigma_{4,3,1} + 6\Sigma_{1,2}\Sigma_{5,1,2} + 6\Sigma_{1,2}\Sigma_{5,2,1} + 6\Sigma_{1,2}\Sigma_{6,1,1} (21.500)$$

$$+ 6\Sigma_{1,2,1}\Sigma_{1,6} + 6\Sigma_{1,2,1}\Sigma_{2,5} + 6\Sigma_{1,2,1}\Sigma_{3,4} + 6\Sigma_{1,2,1}\Sigma_{4,3} + 6\Sigma_{1,2,1}\Sigma_{5,2} (21.500)$$

$$+ 6\Sigma_{1,2,1}\Sigma_{6,1} + 6\Sigma_{1,2,1,1}\Sigma_6 - \Sigma_{1,2,1,1,1,5} - \Sigma_{1,2,1,1,2,4} - \Sigma_{1,2,1,1,3,3} - \Sigma_{1,2,1,1,4,2} - \Sigma_{1,2,1,1,5,1} (21.700)$$

$$+ 6\Sigma_{1,2,1,2}\Sigma_5 - \Sigma_{1,2,1,2,1,4} - \Sigma_{1,2,1,2,2,3} - \Sigma_{1,2,1,2,3,2} - \Sigma_{1,2,1,2,4,1} + 6\Sigma_{1,2,1,3}\Sigma_4 - \Sigma_{1,2,1,3,1,3} (22.300)$$

$$- \Sigma_{1,2,1,3,2,2} - \Sigma_{1,2,1,3,3,1} + 6\Sigma_{1,2,1,4}\Sigma_3 - \Sigma_{1,2,1,4,1,2} - \Sigma_{1,2,1,4,2,1} + 6\Sigma_{1,2,1,5}\Sigma_2 - \Sigma_{1,2,1,5,1,1} (22.300)$$

$$+ 6\Sigma_{1,2,2}\Sigma_{1,5} + 6\Sigma_{1,2,2}\Sigma_{2,4} + 6\Sigma_{1,2,2}\Sigma_{3,3} + 6\Sigma_{1,2,2}\Sigma_{4,2} + 6\Sigma_{1,2,2}\Sigma_{5,1} (21.500)$$

$$+ 6\Sigma_{1,2,2,1}\Sigma_5 - \Sigma_{1,2,2,1,1,4} - \Sigma_{1,2,2,1,2,3} - \Sigma_{1,2,2,1,3,2} - \Sigma_{1,2,2,1,4,1} + 6\Sigma_{1,2,2,2}\Sigma_4 - \Sigma_{1,2,2,2,1,3} (22.300)$$

$$- \Sigma_{1,2,2,2,2,2} - \Sigma_{1,2,2,2,3,1} + 6\Sigma_{1,2,2,3}\Sigma_3 - \Sigma_{1,2,2,3,1,2} - \Sigma_{1,2,2,3,2,1} + 6\Sigma_{1,2,2,4}\Sigma_2 - \Sigma_{1,2,2,4,1,1} (22.300)$$

$$+ 6\Sigma_{1,2,3}\Sigma_{1,4} + 6\Sigma_{1,2,3}\Sigma_{2,3} + 6\Sigma_{1,2,3}\Sigma_{3,2} + 6\Sigma_{1,2,3}\Sigma_{4,1} + 6\Sigma_{1,2,3,1}\Sigma_4 (22.100)$$

$$- \Sigma_{1,2,3,1,1,3} - \Sigma_{1,2,3,1,2,2} - \Sigma_{1,2,3,1,3,1} + 6\Sigma_{1,2,3,2}\Sigma_3 - \Sigma_{1,2,3,2,1,2} - \Sigma_{1,2,3,2,2,1} + 6\Sigma_{1,2,3,3}\Sigma_2(22.300)$$

$$- \Sigma_{1,2,3,3,1,1} + 6\Sigma_{1,2,4}\Sigma_{1,3} + 6\Sigma_{1,2,4}\Sigma_{2,2} + 6\Sigma_{1,2,4}\Sigma_{3,1} + 6\Sigma_{1,2,4,1}\Sigma_3(20.300)$$

$$- \Sigma_{1,2,4,1,1,2} - \Sigma_{1,2,4,1,2,1} + 6\Sigma_{1,2,4,2}\Sigma_2 - \Sigma_{1,2,4,2,1,1} + 6\Sigma_{1,2,5}\Sigma_{2,1} + 6\Sigma_{1,2,5,1}\Sigma_2(21.600)$$

$$- \Sigma_{1,2,5,1,1,1} + 6\Sigma_{1,3}\Sigma_{1,3,3} + 6\Sigma_{1,3}\Sigma_{1,4,2} + 6\Sigma_{1,3}\Sigma_{1,5,1} - 42\Sigma_{1,3}\Sigma_2\Sigma_5(22.700)$$

$$+ 6\Sigma_{1,3}\Sigma_{2,1,4} + 6\Sigma_{1,3}\Sigma_{2,2,3} + 6\Sigma_{1,3}\Sigma_{2,3,2} + 6\Sigma_{1,3}\Sigma_{2,4,1} - 42\Sigma_{1,3}\Sigma_3\Sigma_4(24.500)$$

$$+ 6\Sigma_{1,3}\Sigma_{3,1,3} + 6\Sigma_{1,3}\Sigma_{3,2,2} + 6\Sigma_{1,3}\Sigma_{3,3,1} + 6\Sigma_{1,3}\Sigma_{4,1,2} + 6\Sigma_{1,3}\Sigma_{4,2,1}(21.500)$$

$$+ 6\Sigma_{1,3}\Sigma_{5,1,1} + 6\Sigma_{1,3,1}\Sigma_{1,5} + 6\Sigma_{1,3,1}\Sigma_{2,4} + 6\Sigma_{1,3,1}\Sigma_{3,3} + 6\Sigma_{1,3,1}\Sigma_{4,2}(21.500)$$

$$+ 6\Sigma_{1,3,1}\Sigma_{5,1} + 6\Sigma_{1,3,1,1}\Sigma_5 - \Sigma_{1,3,1,1,1,4} - \Sigma_{1,3,1,1,2,3} - \Sigma_{1,3,1,1,3,2} - \Sigma_{1,3,1,1,4,1} + 6\Sigma_{1,3,1,2}\Sigma_4(24.100)$$

$$- \Sigma_{1,3,1,2,1,3} - \Sigma_{1,3,1,2,2,2} - \Sigma_{1,3,1,2,3,1} + 6\Sigma_{1,3,1,3}\Sigma_3 - \Sigma_{1,3,1,3,1,2} - \Sigma_{1,3,1,3,2,1} + 6\Sigma_{1,3,1,4}\Sigma_2(22.300)$$

$$- \Sigma_{1,3,1,4,1,1} + 6\Sigma_{1,3,2}\Sigma_{1,4} + 6\Sigma_{1,3,2}\Sigma_{2,3} + 6\Sigma_{1,3,2}\Sigma_{3,2} + 6\Sigma_{1,3,2}\Sigma_{4,1} + 6\Sigma_{1,3,2,1}\Sigma_4(24.600)$$

$$- \Sigma_{1,3,2,1,1,3} - \Sigma_{1,3,2,1,2,2} - \Sigma_{1,3,2,1,3,1} + 6\Sigma_{1,3,2,2}\Sigma_3 - \Sigma_{1,3,2,2,1,2} - \Sigma_{1,3,2,2,2,1} + 6\Sigma_{1,3,2,3}\Sigma_2(22.300)$$

$$- \Sigma_{1,3,2,3,1,1} + 6\Sigma_{1,3,3}\Sigma_{2,2} + 6\Sigma_{1,3,3}\Sigma_{3,1} + 6\Sigma_{1,3,3,1}\Sigma_3 - \Sigma_{1,3,3,1,1,2} - \Sigma_{1,3,3,1,2,1}(21.000)$$

$$+ 6\Sigma_{1,3,3,2}\Sigma_2 - \Sigma_{1,3,3,2,1,1} + 6\Sigma_{1,3,4}\Sigma_{2,1} + 6\Sigma_{1,3,4,1}\Sigma_2 - \Sigma_{1,3,4,1,1,1} + 6\Sigma_{1,4}\Sigma_{1,4,1}(23.400)$$

$$- 42\Sigma_{1,4}\Sigma_2\Sigma_4 + 6\Sigma_{1,4}\Sigma_{2,1,3} + 6\Sigma_{1,4}\Sigma_{2,2,2} + 6\Sigma_{1,4}\Sigma_{2,3,1}(20.200)$$

$$- 21\Sigma_{1,4}\Sigma_3^2 + 6\Sigma_{1,4}\Sigma_{3,1,2} + 6\Sigma_{1,4}\Sigma_{3,2,1} + 6\Sigma_{1,4}\Sigma_{4,1,1} + 6\Sigma_{1,4,1}\Sigma_{2,3}(22.900)$$

$$+ 6\Sigma_{1,4,1}\Sigma_{3,2} + 6\Sigma_{1,4,1}\Sigma_{4,1} + 6\Sigma_{1,4,1,1}\Sigma_4 - \Sigma_{1,4,1,1,1,3} - \Sigma_{1,4,1,1,2,2} - \Sigma_{1,4,1,1,3,1}(21.000)$$

$$+ 6\Sigma_{1,4,1,2}\Sigma_3 - \Sigma_{1,4,1,2,1,2} - \Sigma_{1,4,1,2,2,1} + 6\Sigma_{1,4,1,3}\Sigma_2 - \Sigma_{1,4,1,3,1,1} + 6\Sigma_{1,4,2}\Sigma_{2,2}(21.600)$$

$$+ 6\Sigma_{1,4,2}\Sigma_{3,1} + 6\Sigma_{1,4,2,1}\Sigma_3 - \Sigma_{1,4,2,1,1,2} - \Sigma_{1,4,2,1,2,1} + 6\Sigma_{1,4,2,2}\Sigma_2 - \Sigma_{1,4,2,2,1,1}(21.600)$$

$$+ 6\Sigma_{1,4,3}\Sigma_{2,1} + 6\Sigma_{1,4,3,1}\Sigma_2 - \Sigma_{1,4,3,1,1,1} - 42\Sigma_{1,5}\Sigma_2\Sigma_3 + 6\Sigma_{1,5}\Sigma_{2,1,2}(23.300)$$

$$+ 6\Sigma_{1,5}\Sigma_{2,2,1} + 6\Sigma_{1,5}\Sigma_{3,1,1} + 6\Sigma_{1,5,1}\Sigma_{2,2} + 6\Sigma_{1,5,1}\Sigma_{3,1} + 6\Sigma_{1,5,1,1}\Sigma_3(22.100)$$

$$- \Sigma_{1,5,1,1,1,2} - \Sigma_{1,5,1,1,2,1} + 6\Sigma_{1,5,1,2}\Sigma_2 - \Sigma_{1,5,1,2,1,1} + 6\Sigma_{1,5,2}\Sigma_{2,1} + 6\Sigma_{1,5,2,1}\Sigma_2(21.600)$$

$$- \Sigma_{1,5,2,1,1,1} - 21\Sigma_{1,6}\Sigma_2^2 + 6\Sigma_{1,6}\Sigma_{2,1,1} + 6\Sigma_{1,6,1}\Sigma_{2,1} + 6\Sigma_{1,6,1,1}\Sigma_2(21.700)$$

$$- \Sigma_{1,6,1,1,1,1} - 21\Sigma_2^2\Sigma_{2,5} - 21\Sigma_2^2\Sigma_{3,4} - 21\Sigma_2^2\Sigma_{4,3} - 21\Sigma_2^2\Sigma_{5,2}(25.300)$$

$$- 21\Sigma_2^2\Sigma_{6,1} - 42\Sigma_2\Sigma_{2,1}\Sigma_6 + 6\Sigma_2\Sigma_{2,1,1,5} + 6\Sigma_2\Sigma_{2,1,2,4}(22.800)$$

$$+ 6\Sigma_2\Sigma_{2,1,3,3} + 6\Sigma_2\Sigma_{2,1,4,2} + 6\Sigma_2\Sigma_{2,1,5,1} - 42\Sigma_2\Sigma_{2,2}\Sigma_5(22.000)$$

$$+ 6\Sigma_2\Sigma_{2,2,1,4} + 6\Sigma_2\Sigma_{2,2,2,3} + 6\Sigma_2\Sigma_{2,2,3,2} + 6\Sigma_2\Sigma_{2,2,4,1} - 42\Sigma_2\Sigma_{2,3}\Sigma_4(26.900)$$

$$+ 6\Sigma_2\Sigma_{2,3,1,3} + 6\Sigma_2\Sigma_{2,3,2,2} + 6\Sigma_2\Sigma_{2,3,3,1} - 42\Sigma_2\Sigma_{2,4}\Sigma_3(22.000)$$

$$+ 6\Sigma_2\Sigma_{2,4,1,2} + 6\Sigma_2\Sigma_{2,4,2,1} + 6\Sigma_2\Sigma_{2,5,1,1} - 42\Sigma_2\Sigma_3\Sigma_{3,3}(22.000)$$

$$- 42\Sigma_2\Sigma_3\Sigma_{4,2} - 42\Sigma_2\Sigma_3\Sigma_{5,1} - 42\Sigma_2\Sigma_{3,1}\Sigma_5(21.900)$$

$$+ 6\Sigma_2\Sigma_{3,1,1,4} + 6\Sigma_2\Sigma_{3,1,2,3} + 6\Sigma_2\Sigma_{3,1,3,2} + 6\Sigma_2\Sigma_{3,1,4,1} - 42\Sigma_2\Sigma_{3,2}\Sigma_4(26.900)$$

$$+ 6\Sigma_2\Sigma_{3,2,1,3} + 6\Sigma_2\Sigma_{3,2,2,2} + 6\Sigma_2\Sigma_{3,2,3,1} + 6\Sigma_2\Sigma_{3,3,1,2} + 6\Sigma_2\Sigma_{3,3,2,1}(24.500)$$

$$+ 6\Sigma_2\Sigma_{3,4,1,1} - 42\Sigma_2\Sigma_4\Sigma_{4,1} + 6\Sigma_2\Sigma_{4,1,1,3} + 6\Sigma_2\Sigma_{4,1,2,2}(22.000)$$

$$+ 6\Sigma_2\Sigma_{4,1,3,1} + 6\Sigma_2\Sigma_{4,2,1,2} + 6\Sigma_2\Sigma_{4,2,2,1} + 6\Sigma_2\Sigma_{4,3,1,1} + 6\Sigma_2\Sigma_{5,1,1,2}(24.500)$$

$$+ 6\Sigma_2\Sigma_{5,1,2,1} + 6\Sigma_2\Sigma_{5,2,1,1} + 6\Sigma_2\Sigma_{6,1,1,1} + 6\Sigma_{2,1}\Sigma_{2,1,5} + 6\Sigma_{2,1}\Sigma_{2,2,4}(23.300)$$

$$+ 6\Sigma_{2,1}\Sigma_{2,3,3} + 6\Sigma_{2,1}\Sigma_{2,4,2} + 6\Sigma_{2,1}\Sigma_{2,5,1} - 42\Sigma_{2,1}\Sigma_3\Sigma_5(20.200)$$

$$+ 6\Sigma_{2,1}\Sigma_{3,1,4} + 6\Sigma_{2,1}\Sigma_{3,2,3} + 6\Sigma_{2,1}\Sigma_{3,3,2} + 6\Sigma_{2,1}\Sigma_{3,4,1} - 21\Sigma_{2,1}\Sigma_4^2(22.900)$$

$$+ 6\Sigma_{2,1}\Sigma_{4,1,3} + 6\Sigma_{2,1}\Sigma_{4,2,2} + 6\Sigma_{2,1}\Sigma_{4,3,1} + 6\Sigma_{2,1}\Sigma_{5,1,2} + 6\Sigma_{2,1}\Sigma_{5,2,1}(21.500)$$

$$+ 6\Sigma_{2,1}\Sigma_{6,1,1} + 6\Sigma_{2,1,1}\Sigma_{2,5} + 6\Sigma_{2,1,1}\Sigma_{3,4} + 6\Sigma_{2,1,1}\Sigma_{4,3} + 6\Sigma_{2,1,1}\Sigma_{5,2}(21.500)$$

$$+ 6\Sigma_{2,1,1}\Sigma_{6,1} + 6\Sigma_{2,1,1,1}\Sigma_6 - \Sigma_{2,1,1,1,1,5} - \Sigma_{2,1,1,1,2,4} - \Sigma_{2,1,1,1,3,3} - \Sigma_{2,1,1,1,4,2} - \Sigma_{2,1,1,1,5,1}(21.700)$$

$$+ 6\Sigma_{2,1,1,2}\Sigma_5 - \Sigma_{2,1,1,2,1,4} - \Sigma_{2,1,1,2,2,3} - \Sigma_{2,1,1,2,3,2} - \Sigma_{2,1,1,2,4,1} + 6\Sigma_{2,1,1,3}\Sigma_4 - \Sigma_{2,1,1,3,1,3}(22.300)$$

$$- \Sigma_{2,1,1,3,2,2} - \Sigma_{2,1,1,3,3,1} + 6\Sigma_{2,1,1,4}\Sigma_3 - \Sigma_{2,1,1,4,1,2} - \Sigma_{2,1,1,4,2,1} - \Sigma_{2,1,1,5,1,1} + 6\Sigma_{2,1,2}\Sigma_{2,4}(21.700)$$

$$+ 6\Sigma_{2,1,2}\Sigma_{3,3} + 6\Sigma_{2,1,2}\Sigma_{4,2} + 6\Sigma_{2,1,2}\Sigma_{5,1} + 6\Sigma_{2,1,2,1}\Sigma_5 - \Sigma_{2,1,2,1,1,4}(20.300)$$

$$- \Sigma_{2,1,2,1,2,3} - \Sigma_{2,1,2,1,3,2} - \Sigma_{2,1,2,1,4,1} + 6\Sigma_{2,1,2,2}\Sigma_4 - \Sigma_{2,1,2,2,1,3} - \Sigma_{2,1,2,2,2,2} - \Sigma_{2,1,2,2,3,1} + 6\Sigma_{2,1,2,3}\Sigma_3(24.800)$$

$$- \Sigma_{2,1,2,3,1,2} - \Sigma_{2,1,2,3,2,1} - \Sigma_{2,1,2,4,1,1} + 6\Sigma_{2,1,3}\Sigma_{2,3} + 6\Sigma_{2,1,3}\Sigma_{3,2} + 6\Sigma_{2,1,3}\Sigma_{4,1}(20.400)$$

$$+ 6\Sigma_{2,1,3,1}\Sigma_4 - \Sigma_{2,1,3,1,1,3} - \Sigma_{2,1,3,1,2,2} - \Sigma_{2,1,3,1,3,1} + 6\Sigma_{2,1,3,2}\Sigma_3 - \Sigma_{2,1,3,2,1,2} - \Sigma_{2,1,3,2,2,1}(22.300)$$

$$- \Sigma_{2,1,3,3,1,1} + 6\Sigma_{2,1,4}\Sigma_{2,2} + 6\Sigma_{2,1,4}\Sigma_{3,1} + 6\Sigma_{2,1,4,1}\Sigma_3 - \Sigma_{2,1,4,1,1,2} - \Sigma_{2,1,4,1,2,1}(21.000)$$

$$- \Sigma_{2,1,4,2,1,1} - \Sigma_{2,1,5,1,1,1} + 6\Sigma_{2,2}\Sigma_{2,2,3} + 6\Sigma_{2,2}\Sigma_{2,3,2} + 6\Sigma_{2,2}\Sigma_{2,4,1} - 42\Sigma_{2,2}\Sigma_3\Sigma_4(25.200)$$

$$+ 6\Sigma_{2,2}\Sigma_{3,1,3} + 6\Sigma_{2,2}\Sigma_{3,2,2} + 6\Sigma_{2,2}\Sigma_{3,3,1} + 6\Sigma_{2,2}\Sigma_{4,1,2} + 6\Sigma_{2,2}\Sigma_{4,2,1}(21.500)$$

$$+ 6\Sigma_{2,2}\Sigma_{5,1,1} + 6\Sigma_{2,2,1}\Sigma_{2,4} + 6\Sigma_{2,2,1}\Sigma_{3,3} + 6\Sigma_{2,2,1}\Sigma_{4,2} + 6\Sigma_{2,2,1}\Sigma_{5,1}(21.500)$$

$$+ 6\Sigma_{2,2,1,1}\Sigma_5 - \Sigma_{2,2,1,1,1,4} - \Sigma_{2,2,1,1,2,3} - \Sigma_{2,2,1,1,3,2} - \Sigma_{2,2,1,1,4,1} + 6\Sigma_{2,2,1,2}\Sigma_4 - \Sigma_{2,2,1,2,1,3}(22.300)$$

$$- \Sigma_{2,2,1,2,2,2} - \Sigma_{2,2,1,2,3,1} + 6\Sigma_{2,2,1,3}\Sigma_3 - \Sigma_{2,2,1,3,1,2} - \Sigma_{2,2,1,3,2,1} - \Sigma_{2,2,1,4,1,1} + 6\Sigma_{2,2,2}\Sigma_{2,3}(21.700)$$

$$+ 6\Sigma_{2,2,2}\Sigma_{3,2} + 6\Sigma_{2,2,2}\Sigma_{4,1} + 6\Sigma_{2,2,2,1}\Sigma_4 - \Sigma_{2,2,2,1,1,3} - \Sigma_{2,2,2,1,2,2} - \Sigma_{2,2,2,1,3,1}(21.000)$$

$$+ 6\Sigma_{2,2,2,2}\Sigma_3 - \Sigma_{2,2,2,2,1,2} - \Sigma_{2,2,2,2,2,1} - \Sigma_{2,2,2,3,1,1} + 6\Sigma_{2,2,3}\Sigma_{3,1} + 6\Sigma_{2,2,3,1}\Sigma_3(21.600)$$

$$- \Sigma_{2,2,3,1,1,2} - \Sigma_{2,2,3,1,2,1} - \Sigma_{2,2,3,2,1,1} - \Sigma_{2,2,4,1,1,1} + 6\Sigma_{2,3}\Sigma_{2,3,1} - 21\Sigma_{2,3}\Sigma_3^2 + 6\Sigma_{2,3}\Sigma_{3,1,2}(24.300)$$

$$+ 6\Sigma_{2,3}\Sigma_{3,2,1} + 6\Sigma_{2,3}\Sigma_{4,1,1} + 6\Sigma_{2,3,1}\Sigma_{3,2} + 6\Sigma_{2,3,1}\Sigma_{4,1} + 6\Sigma_{2,3,1,1}\Sigma_4 (22.100)$$

$$- \Sigma_{2,3,1,1,1,3} - \Sigma_{2,3,1,1,2,2} - \Sigma_{2,3,1,1,3,1} + 6\Sigma_{2,3,1,2}\Sigma_3 - \Sigma_{2,3,1,2,1,2} - \Sigma_{2,3,1,2,2,1} - \Sigma_{2,3,1,3,1,1} + 6\Sigma_{2,3,2}\Sigma_{3,1} (24.200)$$

$$+ 6\Sigma_{2,3,2,1}\Sigma_3 - \Sigma_{2,3,2,1,1,2} - \Sigma_{2,3,2,1,2,1} - \Sigma_{2,3,2,2,1,1} - \Sigma_{2,3,3,1,1,1} + 6\Sigma_{2,4}\Sigma_{3,1,1} + 6\Sigma_{2,4,1}\Sigma_{3,1} (23.500)$$

$$+ 6\Sigma_{2,4,1,1}\Sigma_3 - \Sigma_{2,4,1,1,1,2} - \Sigma_{2,4,1,1,2,1} - \Sigma_{2,4,1,2,1,1} - \Sigma_{2,4,2,1,1,1} - \Sigma_{2,5,1,1,1,1} - 21\Sigma_3^2\Sigma_{3,2} (23.100)$$

$$- 21\Sigma_3^2\Sigma_{4,1} - 42\Sigma_3\Sigma_{3,1}\Sigma_4 + 6\Sigma_3\Sigma_{3,1,1,3} + 6\Sigma_3\Sigma_{3,1,2,2} (22.800)$$

$$+ 6\Sigma_3\Sigma_{3,1,3,1} + 6\Sigma_3\Sigma_{3,2,1,2} + 6\Sigma_3\Sigma_{3,2,2,1} + 6\Sigma_3\Sigma_{3,3,1,1} + 6\Sigma_3\Sigma_{4,1,1,2} (24.500)$$

$$+ 6\Sigma_3\Sigma_{4,1,2,1} + 6\Sigma_3\Sigma_{4,2,1,1} + 6\Sigma_3\Sigma_{5,1,1,1} + 6\Sigma_{3,1}\Sigma_{3,1,3} + 6\Sigma_{3,1}\Sigma_{3,2,2} (23.300)$$

$$+ 6\Sigma_{3,1}\Sigma_{3,3,1} + 6\Sigma_{3,1}\Sigma_{4,1,2} + 6\Sigma_{3,1}\Sigma_{4,2,1} + 6\Sigma_{3,1}\Sigma_{5,1,1} + 6\Sigma_{3,1,1}\Sigma_{3,3} (21.500)$$

$$+ 6\Sigma_{3,1,1}\Sigma_{4,2} + 6\Sigma_{3,1,1}\Sigma_{5,1} + 6\Sigma_{3,1,1,1}\Sigma_5 - \Sigma_{3,1,1,1,1,4} - \Sigma_{3,1,1,1,2,3} - \Sigma_{3,1,1,1,3,2} (21.000)$$

$$- \Sigma_{3,1,1,1,4,1} + 6\Sigma_{3,1,1,2}\Sigma_4 - \Sigma_{3,1,1,2,1,3} - \Sigma_{3,1,1,2,2,2} - \Sigma_{3,1,1,2,3,1} - \Sigma_{3,1,1,3,1,2} - \Sigma_{3,1,1,3,2,1} - \Sigma_{3,1,1,4,1,1} (22.400)$$

$$+ 6\Sigma_{3,1,2}\Sigma_{3,2} + 6\Sigma_{3,1,2}\Sigma_{4,1} + 6\Sigma_{3,1,2,1}\Sigma_4 - \Sigma_{3,1,2,1,1,3} - \Sigma_{3,1,2,1,2,2} - \Sigma_{3,1,2,1,3,1} (21.000)$$

$$- \Sigma_{3,1,2,2,1,2} - \Sigma_{3,1,2,2,2,1} - \Sigma_{3,1,2,3,1,1} - \Sigma_{3,1,3,1,1,2} - \Sigma_{3,1,3,1,2,1} - \Sigma_{3,1,3,2,1,1} - \Sigma_{3,1,4,1,1,1} + 6\Sigma_{3,2}\Sigma_{3,2,1} (21.800)$$

$$+ 6\Sigma_{3,2}\Sigma_{4,1,1} + 6\Sigma_{3,2,1}\Sigma_{4,1} + 6\Sigma_{3,2,1,1}\Sigma_4 - \Sigma_{3,2,1,1,1,3} - \Sigma_{3,2,1,1,2,2} - \Sigma_{3,2,1,1,3,1} (21.000)$$

$$- \Sigma_{3,2,1,2,1,2} - \Sigma_{3,2,1,2,2,1} - \Sigma_{3,2,1,3,1,1} - \Sigma_{3,2,2,1,1,2} - \Sigma_{3,2,2,1,2,1} - \Sigma_{3,2,2,2,1,1} - \Sigma_{3,2,3,1,1,1} - \Sigma_{3,3,1,1,1,2} - \Sigma_{3,3,1,1,2,1} (22.500)$$

$$- \Sigma_{3,3,1,2,1,1} - \Sigma_{3,3,2,1,1,1} - \Sigma_{3,4,1,1,1,1} + 6\Sigma_4\Sigma_{4,1,1,1} + 6\Sigma_{4,1}\Sigma_{4,1,1} - \Sigma_{4,1,1,1,1,3} - \Sigma_{4,1,1,1,2,2} (21.700)$$

$$- \Sigma_{4,1,1,1,3,1} - \Sigma_{4,1,1,2,1,2} - \Sigma_{4,1,1,2,2,1} - \Sigma_{4,1,1,3,1,1} - \Sigma_{4,1,2,1,1,2} - \Sigma_{4,1,2,1,2,1} - \Sigma_{4,1,2,2,1,1} - \Sigma_{4,1,3,1,1,1} - \Sigma_{4,2,1,1,1,2} (22.500)$$

$$- \Sigma_{4,2,1,1,2,1} - \Sigma_{4,2,1,2,1,1} - \Sigma_{4,2,2,1,1,1} - \Sigma_{4,3,1,1,1,1} - \Sigma_{5,1,1,1,1,2} - \Sigma_{5,1,1,1,2,1} - \Sigma_{5,1,1,2,1,1} - \Sigma_{5,1,2,1,1,1} - \Sigma_{5,2,1,1,1,1} (22.500)$$

$$- \Sigma_{6,1,1,1,1,1})$$

$$+ V_{00}^6 (28\Sigma_1^2\Sigma_9 - 7\Sigma_1\Sigma_{1,1,8} - 7\Sigma_1\Sigma_{1,2,7} (20.100)$$

$$- 7\Sigma_1\Sigma_{1,3,6} - 7\Sigma_1\Sigma_{1,4,5} - 7\Sigma_1\Sigma_{1,5,4} - 7\Sigma_1\Sigma_{1,6,3} - 7\Sigma_1\Sigma_{1,7,2} (24.500)$$

$$- 7\Sigma_1\Sigma_{1,8,1} + 56\Sigma_1\Sigma_2\Sigma_8 - 7\Sigma_1\Sigma_{2,1,7} - 7\Sigma_1\Sigma_{2,2,6} (22.600)$$

$$- 7\Sigma_1\Sigma_{2,3,5} - 7\Sigma_1\Sigma_{2,4,4} - 7\Sigma_1\Sigma_{2,5,3} - 7\Sigma_1\Sigma_{2,6,2} - 7\Sigma_1\Sigma_{2,7,1} (24.500)$$

$$+ 56\Sigma_1\Sigma_3\Sigma_7 - 7\Sigma_1\Sigma_{3,1,6} - 7\Sigma_1\Sigma_{3,2,5} - 7\Sigma_1\Sigma_{3,3,4} (22.600)$$

$$- 7\Sigma_1\Sigma_{3,4,3} - 7\Sigma_1\Sigma_{3,5,2} - 7\Sigma_1\Sigma_{3,6,1} + 56\Sigma_1\Sigma_4\Sigma_6 (22.600)$$

$$- 7\Sigma_1\Sigma_{4,1,5} - 7\Sigma_1\Sigma_{4,2,4} - 7\Sigma_1\Sigma_{4,3,3} - 7\Sigma_1\Sigma_{4,4,2} - 7\Sigma_1\Sigma_{4,5,1} (24.500)$$

$$+ 28\Sigma_1\Sigma_5^2 - 7\Sigma_1\Sigma_{5,1,4} - 7\Sigma_1\Sigma_{5,2,3} - 7\Sigma_1\Sigma_{5,3,2} (21.000)$$

$$- 7\Sigma_1\Sigma_{5,4,1} - 7\Sigma_1\Sigma_{6,1,3} - 7\Sigma_1\Sigma_{6,2,2} - 7\Sigma_1\Sigma_{6,3,1} - 7\Sigma_1\Sigma_{7,1,2} (24.500)$$

$$- 7\Sigma_1\Sigma_{7,2,1} - 7\Sigma_1\Sigma_{8,1,1} - 7\Sigma_{1,1}\Sigma_{1,8} - 7\Sigma_{1,1}\Sigma_{2,7} - 7\Sigma_{1,1}\Sigma_{3,6}(22.700)$$

$$- 7\Sigma_{1,1}\Sigma_{4,5} - 7\Sigma_{1,1}\Sigma_{5,4} - 7\Sigma_{1,1}\Sigma_{6,3} - 7\Sigma_{1,1}\Sigma_{7,2} - 7\Sigma_{1,1}\Sigma_{8,1}(21.500)$$

$$- 7\Sigma_{1,1,1}\Sigma_8 + \Sigma_{1,1,1,1,7} + \Sigma_{1,1,1,2,6} + \Sigma_{1,1,1,3,5} + \Sigma_{1,1,1,4,4} + \Sigma_{1,1,1,5,3} + \Sigma_{1,1,1,6,2} + \Sigma_{1,1,1,7,1}(22.400)$$

$$- 7\Sigma_{1,1,2}\Sigma_7 + \Sigma_{1,1,2,1,6} + \Sigma_{1,1,2,2,5} + \Sigma_{1,1,2,3,4} + \Sigma_{1,1,2,4,3} + \Sigma_{1,1,2,5,2} + \Sigma_{1,1,2,6,1} - 7\Sigma_{1,1,3}\Sigma_6(24.800)$$

$$+ \Sigma_{1,1,3,1,5} + \Sigma_{1,1,3,2,4} + \Sigma_{1,1,3,3,3} + \Sigma_{1,1,3,4,2} + \Sigma_{1,1,3,5,1} - 7\Sigma_{1,1,4}\Sigma_5 + \Sigma_{1,1,4,1,4} + \Sigma_{1,1,4,2,3}(22.400)$$

$$+ \Sigma_{1,1,4,3,2} + \Sigma_{1,1,4,4,1} - 7\Sigma_{1,1,5}\Sigma_4 + \Sigma_{1,1,5,1,3} + \Sigma_{1,1,5,2,2} + \Sigma_{1,1,5,3,1} - 7\Sigma_{1,1,6}\Sigma_3(22.300)$$

$$+ \Sigma_{1,1,6,1,2} + \Sigma_{1,1,6,2,1} - 7\Sigma_{1,1,7}\Sigma_2 + \Sigma_{1,1,7,1,1} - 7\Sigma_{1,2}\Sigma_{1,7} - 7\Sigma_{1,2}\Sigma_{2,6}(21.000)$$

$$- 7\Sigma_{1,2}\Sigma_{3,5} - 7\Sigma_{1,2}\Sigma_{4,4} - 7\Sigma_{1,2}\Sigma_{5,3} - 7\Sigma_{1,2}\Sigma_{6,2} - 7\Sigma_{1,2}\Sigma_{7,1}(21.500)$$

$$- 7\Sigma_{1,2,1}\Sigma_7 + \Sigma_{1,2,1,1,6} + \Sigma_{1,2,1,2,5} + \Sigma_{1,2,1,3,4} + \Sigma_{1,2,1,4,3} + \Sigma_{1,2,1,5,2} + \Sigma_{1,2,1,6,1} - 7\Sigma_{1,2,2}\Sigma_6(24.800)$$

$$+ \Sigma_{1,2,2,1,5} + \Sigma_{1,2,2,2,4} + \Sigma_{1,2,2,3,3} + \Sigma_{1,2,2,4,2} + \Sigma_{1,2,2,5,1} - 7\Sigma_{1,2,3}\Sigma_5 + \Sigma_{1,2,3,1,4} + \Sigma_{1,2,3,2,3}(22.400)$$

$$+ \Sigma_{1,2,3,3,2} + \Sigma_{1,2,3,4,1} - 7\Sigma_{1,2,4}\Sigma_4 + \Sigma_{1,2,4,1,3} + \Sigma_{1,2,4,2,2} + \Sigma_{1,2,4,3,1} - 7\Sigma_{1,2,5}\Sigma_3(22.300)$$

$$+ \Sigma_{1,2,5,1,2} + \Sigma_{1,2,5,2,1} - 7\Sigma_{1,2,6}\Sigma_2 + \Sigma_{1,2,6,1,1} - 7\Sigma_{1,3}\Sigma_{1,6} - 7\Sigma_{1,3}\Sigma_{2,5}(21.000)$$

$$- 7\Sigma_{1,3}\Sigma_{3,4} - 7\Sigma_{1,3}\Sigma_{4,3} - 7\Sigma_{1,3}\Sigma_{5,2} - 7\Sigma_{1,3}\Sigma_{6,1} - 7\Sigma_{1,3,1}\Sigma_6(22.100)$$

$$+ \Sigma_{1,3,1,1,5} + \Sigma_{1,3,1,2,4} + \Sigma_{1,3,1,3,3} + \Sigma_{1,3,1,4,2} + \Sigma_{1,3,1,5,1} - 7\Sigma_{1,3,2}\Sigma_5 + \Sigma_{1,3,2,1,4} + \Sigma_{1,3,2,2,3}(22.400)$$

$$+ \Sigma_{1,3,2,3,2} + \Sigma_{1,3,2,4,1} - 7\Sigma_{1,3,3}\Sigma_4 + \Sigma_{1,3,3,1,3} + \Sigma_{1,3,3,2,2} + \Sigma_{1,3,3,3,1} - 7\Sigma_{1,3,4}\Sigma_3(22.300)$$

$$+ \Sigma_{1,3,4,1,2} + \Sigma_{1,3,4,2,1} - 7\Sigma_{1,3,5}\Sigma_2 + \Sigma_{1,3,5,1,1} - 7\Sigma_{1,4}\Sigma_{1,5} - 7\Sigma_{1,4}\Sigma_{2,4}(21.000)$$

$$- 7\Sigma_{1,4}\Sigma_{3,3} - 7\Sigma_{1,4}\Sigma_{4,2} - 7\Sigma_{1,4}\Sigma_{5,1} - 7\Sigma_{1,4,1}\Sigma_5 + \Sigma_{1,4,1,1,4}(20.300)$$

$$+ \Sigma_{1,4,1,2,3} + \Sigma_{1,4,1,3,2} + \Sigma_{1,4,1,4,1} - 7\Sigma_{1,4,2}\Sigma_4 + \Sigma_{1,4,2,1,3} + \Sigma_{1,4,2,2,2} + \Sigma_{1,4,2,3,1} - 7\Sigma_{1,4,3}\Sigma_3(24.800)$$

$$+ \Sigma_{1,4,3,1,2} + \Sigma_{1,4,3,2,1} - 7\Sigma_{1,4,4}\Sigma_2 + \Sigma_{1,4,4,1,1} - 7\Sigma_{1,5}\Sigma_{2,3} - 7\Sigma_{1,5}\Sigma_{3,2}(21.000)$$

$$- 7\Sigma_{1,5}\Sigma_{4,1} - 7\Sigma_{1,5,1}\Sigma_4 + \Sigma_{1,5,1,1,3} + \Sigma_{1,5,1,2,2} + \Sigma_{1,5,1,3,1} - 7\Sigma_{1,5,2}\Sigma_3(21.600)$$

$$+ \Sigma_{1,5,2,1,2} + \Sigma_{1,5,2,2,1} - 7\Sigma_{1,5,3}\Sigma_2 + \Sigma_{1,5,3,1,1} - 7\Sigma_{1,6}\Sigma_{2,2} - 7\Sigma_{1,6}\Sigma_{3,1}(21.000)$$

$$- 7\Sigma_{1,6,1}\Sigma_3 + \Sigma_{1,6,1,1,2} + \Sigma_{1,6,1,2,1} - 7\Sigma_{1,6,2}\Sigma_2 + \Sigma_{1,6,2,1,1} - 7\Sigma_{1,7}\Sigma_{2,1}(21.600)$$

$$- 7\Sigma_{1,7,1}\Sigma_2 + \Sigma_{1,7,1,1,1} + 28\Sigma_2^2\Sigma_7 - 7\Sigma_2\Sigma_{2,1,6} - 7\Sigma_2\Sigma_{2,2,5}(23.500)$$

$$- 7\Sigma_2\Sigma_{2,3,4} - 7\Sigma_2\Sigma_{2,4,3} - 7\Sigma_2\Sigma_{2,5,2} - 7\Sigma_2\Sigma_{2,6,1} + 56\Sigma_2\Sigma_3\Sigma_6(27.500)$$

$$- 7\Sigma_2\Sigma_{3,1,5} - 7\Sigma_2\Sigma_{3,2,4} - 7\Sigma_2\Sigma_{3,3,3} - 7\Sigma_2\Sigma_{3,4,2} - 7\Sigma_2\Sigma_{3,5,1}(24.500)$$

$$+ 56\Sigma_2\Sigma_4\Sigma_5 - 7\Sigma_2\Sigma_{4,1,4} - 7\Sigma_2\Sigma_{4,2,3} - 7\Sigma_2\Sigma_{4,3,2}(22.600)$$

$$- 7\Sigma_2\Sigma_{4,4,1} - 7\Sigma_2\Sigma_{5,1,3} - 7\Sigma_2\Sigma_{5,2,2} - 7\Sigma_2\Sigma_{5,3,1} - 7\Sigma_2\Sigma_{6,1,2}(24.500)$$

$$- 7\Sigma_2\Sigma_{6,2,1} - 7\Sigma_2\Sigma_{7,1,1} - 7\Sigma_{2,1}\Sigma_{2,6} - 7\Sigma_{2,1}\Sigma_{3,5} - 7\Sigma_{2,1}\Sigma_{4,4}(22.700)$$

$$- 7\Sigma_{2,1}\Sigma_{5,3} - 7\Sigma_{2,1}\Sigma_{6,2} - 7\Sigma_{2,1}\Sigma_{7,1} - 7\Sigma_{2,1,1}\Sigma_7 + \Sigma_{2,1,1,1,6}(20.300)$$

$$+ \Sigma_{2,1,1,2,5} + \Sigma_{2,1,1,3,4} + \Sigma_{2,1,1,4,3} + \Sigma_{2,1,1,5,2} + \Sigma_{2,1,1,6,1} - 7\Sigma_{2,1,2}\Sigma_6 + \Sigma_{2,1,2,1,5} + \Sigma_{2,1,2,2,4}(22.400)$$

$$+ \Sigma_{2,1,2,3,3} + \Sigma_{2,1,2,4,2} + \Sigma_{2,1,2,5,1} - 7\Sigma_{2,1,3}\Sigma_5 + \Sigma_{2,1,3,1,4} + \Sigma_{2,1,3,2,3} + \Sigma_{2,1,3,3,2} + \Sigma_{2,1,3,4,1}(22.400)$$

$$- 7\Sigma_{2,1,4}\Sigma_4 + \Sigma_{2,1,4,1,3} + \Sigma_{2,1,4,2,2} + \Sigma_{2,1,4,3,1} - 7\Sigma_{2,1,5}\Sigma_3 + \Sigma_{2,1,5,1,2} + \Sigma_{2,1,5,2,1}(22.300)$$

$$+ \Sigma_{2,1,6,1,1} - 7\Sigma_{2,2}\Sigma_{2,5} - 7\Sigma_{2,2}\Sigma_{3,4} - 7\Sigma_{2,2}\Sigma_{4,3} - 7\Sigma_{2,2}\Sigma_{5,2} - 7\Sigma_{2,2}\Sigma_{6,1}(24.000)$$

$$- 7\Sigma_{2,2,1}\Sigma_6 + \Sigma_{2,2,1,1,5} + \Sigma_{2,2,1,2,4} + \Sigma_{2,2,1,3,3} + \Sigma_{2,2,1,4,2} + \Sigma_{2,2,1,5,1} - 7\Sigma_{2,2,2}\Sigma_5(22.300)$$

$$+ \Sigma_{2,2,2,1,4} + \Sigma_{2,2,2,2,3} + \Sigma_{2,2,2,3,2} + \Sigma_{2,2,2,4,1} - 7\Sigma_{2,2,3}\Sigma_4 + \Sigma_{2,2,3,1,3} + \Sigma_{2,2,3,2,2} + \Sigma_{2,2,3,3,1}(22.400)$$

$$- 7\Sigma_{2,2,4}\Sigma_3 + \Sigma_{2,2,4,1,2} + \Sigma_{2,2,4,2,1} + \Sigma_{2,2,5,1,1} - 7\Sigma_{2,3}\Sigma_{2,4} - 7\Sigma_{2,3}\Sigma_{3,3}(21.000)$$

$$- 7\Sigma_{2,3}\Sigma_{4,2} - 7\Sigma_{2,3}\Sigma_{5,1} - 7\Sigma_{2,3,1}\Sigma_5 + \Sigma_{2,3,1,1,4} + \Sigma_{2,3,1,2,3} + \Sigma_{2,3,1,3,2}(21.000)$$

$$+ \Sigma_{2,3,1,4,1} - 7\Sigma_{2,3,2}\Sigma_4 + \Sigma_{2,3,2,1,3} + \Sigma_{2,3,2,2,2} + \Sigma_{2,3,2,3,1} - 7\Sigma_{2,3,3}\Sigma_3 + \Sigma_{2,3,3,1,2}(22.300)$$

$$+ \Sigma_{2,3,3,2,1} + \Sigma_{2,3,4,1,1} - 7\Sigma_{2,4}\Sigma_{3,2} - 7\Sigma_{2,4}\Sigma_{4,1} - 7\Sigma_{2,4,1}\Sigma_4 + \Sigma_{2,4,1,1,3}(21.000)$$

$$+ \Sigma_{2,4,1,2,2} + \Sigma_{2,4,1,3,1} - 7\Sigma_{2,4,2}\Sigma_3 + \Sigma_{2,4,2,1,2} + \Sigma_{2,4,2,2,1} + \Sigma_{2,4,3,1,1} - 7\Sigma_{2,5}\Sigma_{3,1}(21.700)$$

$$- 7\Sigma_{2,5,1}\Sigma_3 + \Sigma_{2,5,1,1,2} + \Sigma_{2,5,1,2,1} + \Sigma_{2,5,2,1,1} + \Sigma_{2,6,1,1,1} + 28\Sigma_3^2\Sigma_5(21.200)$$

$$- 7\Sigma_3\Sigma_{3,1,4} - 7\Sigma_3\Sigma_{3,2,3} - 7\Sigma_3\Sigma_{3,3,2} - 7\Sigma_3\Sigma_{3,4,1} + 28\Sigma_3\Sigma_4^2(25.900)$$

$$- 7\Sigma_3\Sigma_{4,1,3} - 7\Sigma_3\Sigma_{4,2,2} - 7\Sigma_3\Sigma_{4,3,1} - 7\Sigma_3\Sigma_{5,1,2} - 7\Sigma_3\Sigma_{5,2,1}(24.500)$$

$$- 7\Sigma_3\Sigma_{6,1,1} - 7\Sigma_{3,1}\Sigma_{3,4} - 7\Sigma_{3,1}\Sigma_{4,3} - 7\Sigma_{3,1}\Sigma_{5,2} - 7\Sigma_{3,1}\Sigma_{6,1}(22.100)$$

$$- 7\Sigma_{3,1,1}\Sigma_6 + \Sigma_{3,1,1,1,5} + \Sigma_{3,1,1,2,4} + \Sigma_{3,1,1,3,3} + \Sigma_{3,1,1,4,2} + \Sigma_{3,1,1,5,1} - 7\Sigma_{3,1,2}\Sigma_5(22.300)$$

$$+ \Sigma_{3,1,2,1,4} + \Sigma_{3,1,2,2,3} + \Sigma_{3,1,2,3,2} + \Sigma_{3,1,2,4,1} - 7\Sigma_{3,1,3}\Sigma_4 + \Sigma_{3,1,3,1,3} + \Sigma_{3,1,3,2,2} + \Sigma_{3,1,3,3,1}(22.400)$$

$$+ \Sigma_{3,1,4,1,2} + \Sigma_{3,1,4,2,1} + \Sigma_{3,1,5,1,1} - 7\Sigma_{3,2}\Sigma_{3,3} - 7\Sigma_{3,2}\Sigma_{4,2} - 7\Sigma_{3,2}\Sigma_{5,1}(20.400)$$

$$- 7\Sigma_{3,2,1}\Sigma_5 + \Sigma_{3,2,1,1,4} + \Sigma_{3,2,1,2,3} + \Sigma_{3,2,1,3,2} + \Sigma_{3,2,1,4,1} - 7\Sigma_{3,2,2}\Sigma_4 + \Sigma_{3,2,2,1,3}(22.300)$$

$$+ \Sigma_{3,2,2,2,2} + \Sigma_{3,2,2,3,1} + \Sigma_{3,2,3,1,2} + \Sigma_{3,2,3,2,1} + \Sigma_{3,2,4,1,1} - 7\Sigma_{3,3}\Sigma_{4,1} - 7\Sigma_{3,3,1}\Sigma_4(21.700)$$

$$+ \Sigma_{3,3,1,1,3} + \Sigma_{3,3,1,2,2} + \Sigma_{3,3,1,3,1} + \Sigma_{3,3,2,1,2} + \Sigma_{3,3,2,2,1} + \Sigma_{3,3,3,1,1} + \Sigma_{3,4,1,1,2} + \Sigma_{3,4,1,2,1} + \Sigma_{3,4,2,1,1}(22.500)$$

$$+ \Sigma_{3,5,1,1,1} - 7\Sigma_4\Sigma_{4,1,2} - 7\Sigma_4\Sigma_{4,2,1} - 7\Sigma_4\Sigma_{5,1,1} - 7\Sigma_{4,1}\Sigma_{4,2}(21.500)$$

$$- 7\Sigma_{4,1}\Sigma_{5,1} - 7\Sigma_{4,1,1}\Sigma_5 + \Sigma_{4,1,1,1,4} + \Sigma_{4,1,1,2,3} + \Sigma_{4,1,1,3,2} + \Sigma_{4,1,1,4,1} + \Sigma_{4,1,2,1,3}(21.700)$$

$$+ \Sigma_{4,1,2,2,2} + \Sigma_{4,1,2,3,1} + \Sigma_{4,1,3,1,2} + \Sigma_{4,1,3,2,1} + \Sigma_{4,1,4,1,1} + \Sigma_{4,2,1,1,3} + \Sigma_{4,2,1,2,2} + \Sigma_{4,2,1,3,1} + \Sigma_{4,2,2,1,2}(22.500)$$

$$+ \Sigma_{4,2,2,2,1} + \Sigma_{4,2,3,1,1} + \Sigma_{4,3,1,1,2} + \Sigma_{4,3,1,2,1} + \Sigma_{4,3,2,1,1} + \Sigma_{4,4,1,1,1} + \Sigma_{5,1,1,1,3} + \Sigma_{5,1,1,2,2} + \Sigma_{5,1,1,3,1}(22.500)$$

$$+ \Sigma_{5,1,2,1,2} + \Sigma_{5,1,2,2,1} + \Sigma_{5,1,3,1,1} + \Sigma_{5,2,1,1,2} + \Sigma_{5,2,1,2,1} + \Sigma_{5,2,2,1,1} + \Sigma_{5,3,1,1,1} + \Sigma_{6,1,1,1,2} + \Sigma_{6,1,1,2,1}(22.500)$$
$$+ \Sigma_{6,1,2,1,1} + \Sigma_{6,2,1,1,1} + \Sigma_{7,1,1,1,1})$$
$$- V_{00}^7(-8\Sigma_1\Sigma_{1,9} - 8\Sigma_1\Sigma_{2,8} - 8\Sigma_1\Sigma_{3,7} - 8\Sigma_1\Sigma_{4,6}(23.600)$$
$$- 8\Sigma_1\Sigma_{5,5} - 8\Sigma_1\Sigma_{6,4} - 8\Sigma_1\Sigma_{7,3} - 8\Sigma_1\Sigma_{8,2} - 8\Sigma_1\Sigma_{9,1}(24.500)$$
$$- 8\Sigma_{1,1}\Sigma_9 + \Sigma_{1,1,1,8} + \Sigma_{1,1,2,7} + \Sigma_{1,1,3,6} + \Sigma_{1,1,4,5} + \Sigma_{1,1,5,4} + \Sigma_{1,1,6,3} + \Sigma_{1,1,7,2}(22.400)$$
$$+ \Sigma_{1,1,8,1} - 8\Sigma_{1,2}\Sigma_8 + \Sigma_{1,2,1,7} + \Sigma_{1,2,2,6} + \Sigma_{1,2,3,5} + \Sigma_{1,2,4,4} + \Sigma_{1,2,5,3} + \Sigma_{1,2,6,2}(22.400)$$
$$+ \Sigma_{1,2,7,1} - 8\Sigma_{1,3}\Sigma_7 + \Sigma_{1,3,1,6} + \Sigma_{1,3,2,5} + \Sigma_{1,3,3,4} + \Sigma_{1,3,4,3} + \Sigma_{1,3,5,2} + \Sigma_{1,3,6,1}(22.400)$$
$$- 8\Sigma_{1,4}\Sigma_6 + \Sigma_{1,4,1,5} + \Sigma_{1,4,2,4} + \Sigma_{1,4,3,3} + \Sigma_{1,4,4,2} + \Sigma_{1,4,5,1} - 8\Sigma_{1,5}\Sigma_5(22.300)$$
$$+ \Sigma_{1,5,1,4} + \Sigma_{1,5,2,3} + \Sigma_{1,5,3,2} + \Sigma_{1,5,4,1} - 8\Sigma_{1,6}\Sigma_4 + \Sigma_{1,6,1,3} + \Sigma_{1,6,2,2} + \Sigma_{1,6,3,1}(22.400)$$
$$- 8\Sigma_{1,7}\Sigma_3 + \Sigma_{1,7,1,2} + \Sigma_{1,7,2,1} - 8\Sigma_{1,8}\Sigma_2 + \Sigma_{1,8,1,1} - 8\Sigma_2\Sigma_{2,7}(22.200)$$
$$- 8\Sigma_2\Sigma_{3,6} - 8\Sigma_2\Sigma_{4,5} - 8\Sigma_2\Sigma_{5,4} - 8\Sigma_2\Sigma_{6,3} - 8\Sigma_2\Sigma_{7,2}(24.500)$$
$$- 8\Sigma_2\Sigma_{8,1} - 8\Sigma_{2,1}\Sigma_8 + \Sigma_{2,1,1,7} + \Sigma_{2,1,2,6} + \Sigma_{2,1,3,5} + \Sigma_{2,1,4,4} + \Sigma_{2,1,5,3}(22.300)$$
$$+ \Sigma_{2,1,6,2} + \Sigma_{2,1,7,1} - 8\Sigma_{2,2}\Sigma_7 + \Sigma_{2,2,1,6} + \Sigma_{2,2,2,5} + \Sigma_{2,2,3,4} + \Sigma_{2,2,4,3} + \Sigma_{2,2,5,2}(22.400)$$
$$+ \Sigma_{2,2,6,1} - 8\Sigma_{2,3}\Sigma_6 + \Sigma_{2,3,1,5} + \Sigma_{2,3,2,4} + \Sigma_{2,3,3,3} + \Sigma_{2,3,4,2} + \Sigma_{2,3,5,1} - 8\Sigma_{2,4}\Sigma_5(24.800)$$
$$+ \Sigma_{2,4,1,4} + \Sigma_{2,4,2,3} + \Sigma_{2,4,3,2} + \Sigma_{2,4,4,1} - 8\Sigma_{2,5}\Sigma_4 + \Sigma_{2,5,1,3} + \Sigma_{2,5,2,2} + \Sigma_{2,5,3,1}(22.400)$$
$$- 8\Sigma_{2,6}\Sigma_3 + \Sigma_{2,6,1,2} + \Sigma_{2,6,2,1} + \Sigma_{2,7,1,1} - 8\Sigma_3\Sigma_{3,5} - 8\Sigma_3\Sigma_{4,4}(22.200)$$
$$- 8\Sigma_3\Sigma_{5,3} - 8\Sigma_3\Sigma_{6,2} - 8\Sigma_3\Sigma_{7,1} - 8\Sigma_{3,1}\Sigma_7 + \Sigma_{3,1,1,6}(22.100)$$
$$+ \Sigma_{3,1,2,5} + \Sigma_{3,1,3,4} + \Sigma_{3,1,4,3} + \Sigma_{3,1,5,2} + \Sigma_{3,1,6,1} - 8\Sigma_{3,2}\Sigma_6 + \Sigma_{3,2,1,5} + \Sigma_{3,2,2,4}(22.400)$$
$$+ \Sigma_{3,2,3,3} + \Sigma_{3,2,4,2} + \Sigma_{3,2,5,1} - 8\Sigma_{3,3}\Sigma_5 + \Sigma_{3,3,1,4} + \Sigma_{3,3,2,3} + \Sigma_{3,3,3,2} + \Sigma_{3,3,4,1}(22.400)$$
$$- 8\Sigma_{3,4}\Sigma_4 + \Sigma_{3,4,1,3} + \Sigma_{3,4,2,2} + \Sigma_{3,4,3,1} + \Sigma_{3,5,1,2} + \Sigma_{3,5,2,1} + \Sigma_{3,6,1,1} - 8\Sigma_4\Sigma_{4,3}(24.800)$$
$$- 8\Sigma_4\Sigma_{5,2} - 8\Sigma_4\Sigma_{6,1} - 8\Sigma_{4,1}\Sigma_6 + \Sigma_{4,1,1,5} + \Sigma_{4,1,2,4} + \Sigma_{4,1,3,3}(22.200)$$
$$+ \Sigma_{4,1,4,2} + \Sigma_{4,1,5,1} - 8\Sigma_{4,2}\Sigma_5 + \Sigma_{4,2,1,4} + \Sigma_{4,2,2,3} + \Sigma_{4,2,3,2} + \Sigma_{4,2,4,1} + \Sigma_{4,3,1,3}(22.400)$$
$$+ \Sigma_{4,3,2,2} + \Sigma_{4,3,3,1} + \Sigma_{4,4,1,2} + \Sigma_{4,4,2,1} + \Sigma_{4,5,1,1} - 8\Sigma_5\Sigma_{5,1} + \Sigma_{5,1,1,4} + \Sigma_{5,1,2,3}(22.400)$$
$$+ \Sigma_{5,1,3,2} + \Sigma_{5,1,4,1} + \Sigma_{5,2,1,3} + \Sigma_{5,2,2,2} + \Sigma_{5,2,3,1} + \Sigma_{5,3,1,2} + \Sigma_{5,3,2,1} + \Sigma_{5,4,1,1} + \Sigma_{6,1,1,3}(22.500)$$
$$+ \Sigma_{6,1,2,2} + \Sigma_{6,1,3,1} + \Sigma_{6,2,1,2} + \Sigma_{6,2,2,1} + \Sigma_{6,3,1,1} + \Sigma_{7,1,1,2} + \Sigma_{7,1,2,1} + \Sigma_{7,2,1,1} + \Sigma_{8,1,1,1}(22.500))$$
$$+ V_{00}^8(-9\Sigma_1\Sigma_{10} + \Sigma_{1,1,9} + \Sigma_{1,2,8} + \Sigma_{1,3,7} + \Sigma_{1,4,6}(20.100)$$
$$+ \Sigma_{1,5,5} + \Sigma_{1,6,4} + \Sigma_{1,7,3} + \Sigma_{1,8,2} + \Sigma_{1,9,1} - 9\Sigma_2\Sigma_9 + \Sigma_{2,1,8}(20.500)$$

$$+ \Sigma_{2,2,7} + \Sigma_{2,3,6} + \Sigma_{2,4,5} + \Sigma_{2,5,4} + \Sigma_{2,6,3} + \Sigma_{2,7,2} + \Sigma_{2,8,1} - 9\Sigma_3\Sigma_8(23.000)$$
$$+ \Sigma_{3,1,7} + \Sigma_{3,2,6} + \Sigma_{3,3,5} + \Sigma_{3,4,4} + \Sigma_{3,5,3} + \Sigma_{3,6,2} + \Sigma_{3,7,1} - 9\Sigma_4\Sigma_7(23.000)$$
$$+ \Sigma_{4,1,6} + \Sigma_{4,2,5} + \Sigma_{4,3,4} + \Sigma_{4,4,3} + \Sigma_{4,5,2} + \Sigma_{4,6,1} - 9\Sigma_5\Sigma_6(20.500)$$
$$+ \Sigma_{5,1,5} + \Sigma_{5,2,4} + \Sigma_{5,3,3} + \Sigma_{5,4,2} + \Sigma_{5,5,1} + \Sigma_{6,1,4} + \Sigma_{6,2,3} + \Sigma_{6,3,2} + \Sigma_{6,4,1}(22.500)$$
$$+ \Sigma_{7,1,3} + \Sigma_{7,2,2} + \Sigma_{7,3,1} + \Sigma_{8,1,2} + \Sigma_{8,2,1} + \Sigma_{9,1,1})$$
$$- V_{00}^9(\Sigma_{1,10} + \Sigma_{2,9} + \Sigma_{3,8} + \Sigma_{4,7} + \Sigma_{5,6} + \Sigma_{6,5} + \Sigma_{7,4}(21.500)$$
$$+ \Sigma_{8,3} + \Sigma_{9,2} + \Sigma_{10,1})$$
$$+ V_{00}^{10}\Sigma_{11}$$