

In[\*]:= **Cancel@Together@Coefficient**[sol[\$k].SBasis, y<sub>1,3</sub>]

Out[\*]=

In[\*]:= **Simplify@Integrate**[e<sup>-2λξ<sub>1,1</sub>+λξ<sub>1,2</sub>+λξ<sub>1,3</sub>-λξ<sub>2,1</sub>+λξ<sub>2,3</sub></sup> ε λ<sup>4</sup>, λ]

Out[\*]=

$$-\frac{1}{(-2 \xi_{1,1} + \xi_{1,2} + \xi_{1,3} - \xi_{2,1} + \xi_{2,3})^5} e^{\lambda (-2 \xi_{1,1} + \xi_{1,2} + \xi_{1,3} - \xi_{2,1} + \xi_{2,3})} \epsilon$$

$$\left( -24 - 24 \lambda (2 \xi_{1,1} - \xi_{1,2} - \xi_{1,3} + \xi_{2,1} - \xi_{2,3}) - 12 \lambda^2 (-2 \xi_{1,1} + \xi_{1,2} + \xi_{1,3} - \xi_{2,1} + \xi_{2,3})^2 + 4 \lambda^3 (-2 \xi_{1,1} + \xi_{1,2} + \xi_{1,3} - \xi_{2,1} + \xi_{2,3})^3 - \lambda^4 (-2 \xi_{1,1} + \xi_{1,2} + \xi_{1,3} - \xi_{2,1} + \xi_{2,3})^4 \right)$$

In[\*]:= **Factor@CF**[

$$-e^{-2\lambda \xi_{1,1} + 2\lambda \xi_{1,3}} \lambda^3 \eta_{1,3}^2 \xi_{1,3} + \frac{4 e^{-\lambda \xi_{1,1} + \lambda \xi_{1,2}} \eta_{1,3} \eta_{1,2} \xi_{1,2}}{(\xi_{1,1} - \xi_{1,2})^3} - \frac{2 e^{-\lambda \xi_{1,1} + \lambda \xi_{1,2}} \lambda^2 \eta_{1,3} \eta_{1,2} \xi_{1,2}}{-\xi_{1,1} + \xi_{1,2}} -$$

$$\frac{4 e^{-\lambda \xi_{1,1} + \lambda \xi_{1,2}} \lambda \eta_{1,3} \eta_{1,2} \xi_{1,2}}{(\xi_{1,1} - \xi_{1,2})(-\xi_{1,1} + \xi_{1,2})} - \frac{4 e^{-\lambda \xi_{1,1} - \lambda \xi_{1,2} + 2\lambda \xi_{1,3}} \eta_{1,3} \eta_{2,3} \xi_{1,1} \xi_{1,2}}{(\xi_{1,1} + \xi_{1,2} - 2 \xi_{1,3})^4} +$$

$$\frac{8 e^{-\lambda \xi_{1,1} - \lambda \xi_{1,2} + 2\lambda \xi_{1,3}} \eta_{1,3} \eta_{2,3} \xi_{1,2} \xi_{1,3}}{(\xi_{1,1} + \xi_{1,2} - 2 \xi_{1,3})^4} - \frac{4 e^{-\lambda \xi_{1,1} + \lambda \xi_{1,3}} \eta_{1,2} \eta_{1,3} \xi_{1,2}}{(\xi_{1,1} - \xi_{1,3})^3} -$$

$$\frac{4 e^{-\lambda \xi_{1,1} + \lambda \xi_{1,3}} \eta_{1,2} \eta_{1,3} \xi_{1,2}}{(\xi_{1,1} - \xi_{1,3})^3} + \frac{4 e^{-2\lambda \xi_{1,1} + \lambda \xi_{1,2} + \lambda \xi_{1,3}} \eta_{1,2} \eta_{1,3} \xi_{1,1} \xi_{1,2}}{(2 \xi_{1,1} - \xi_{1,2} - \xi_{1,3})^4} -$$

$$\frac{8 e^{-2\lambda \xi_{1,1} + \lambda \xi_{1,2} + \lambda \xi_{1,3}} \eta_{1,2} \eta_{1,3} \xi_{1,2} \xi_{1,3}}{(2 \xi_{1,1} - \xi_{1,2} - \xi_{1,3})^4} + \frac{4 e^{-\lambda \xi_{1,2} + \lambda \xi_{1,3}} \eta_{1,3} \eta_{2,3} \xi_{1,2}}{(\xi_{1,2} - \xi_{1,3})^3} -$$

$$\frac{64 \eta_{1,3} \eta_{1,2} \xi_{1,1}^2 \xi_{1,2} \xi_{1,3}}{(\xi_{1,1} - \xi_{1,2})^3 (\xi_{1,1} + \xi_{1,2} - 2 \xi_{1,3})^4 (\xi_{1,1} - \xi_{1,3})^3 (2 \xi_{1,1} - \xi_{1,2} - \xi_{1,3})^4 (\xi_{1,2} - \xi_{1,3})^3} +$$

$$\frac{64 \eta_{1,2} \eta_{1,3} \xi_{1,1}^2 \xi_{1,2} \xi_{1,3}}{(\xi_{1,1} - \xi_{1,2})^3 (\xi_{1,1} + \xi_{1,2} - 2 \xi_{1,3})^4 (\xi_{1,1} - \xi_{1,3})^3 (2 \xi_{1,1} - \xi_{1,2} - \xi_{1,3})^4 (\xi_{1,2} - \xi_{1,3})^3} -$$

$$\frac{4 \eta_{1,2} \eta_{1,3} \xi_{1,1}^2 \xi_{1,2} \xi_{1,3}}{(\xi_{1,1} - \xi_{1,2})^3 (\xi_{1,1} + \xi_{1,2} - 2 \xi_{1,3})^4 (\xi_{1,1} - \xi_{1,3})^3 (2 \xi_{1,1} - \xi_{1,2} - \xi_{1,3})^4 (\xi_{1,2} - \xi_{1,3})^3} -$$

$$\frac{128 \eta_{1,3} \eta_{1,2} \xi_{1,1}^3 \xi_{1,2} \xi_{1,3}}{(\xi_{1,1} - \xi_{1,2})^3 (\xi_{1,1} + \xi_{1,2} - 2 \xi_{1,3})^4 (\xi_{1,1} - \xi_{1,3})^3 (2 \xi_{1,1} - \xi_{1,2} - \xi_{1,3})^4 (\xi_{1,2} - \xi_{1,3})^3} -$$

$$\frac{64 \eta_{1,2} \eta_{1,3} \xi_{1,1}^3 \xi_{1,2} \xi_{1,3}}{(\xi_{1,1} - \xi_{1,2})^3 (\xi_{1,1} + \xi_{1,2} - 2 \xi_{1,3})^4 (\xi_{1,1} - \xi_{1,3})^3 (2 \xi_{1,1} - \xi_{1,2} - \xi_{1,3})^4 (\xi_{1,2} - \xi_{1,3})^3} +$$

$$\frac{4 \eta_{1,2} \eta_{1,3} \xi_{1,1}^3 \xi_{1,2} \xi_{1,3}}{(\xi_{1,1} - \xi_{1,2})^3 (\xi_{1,1} + \xi_{1,2} - 2 \xi_{1,3})^4 (\xi_{1,1} - \xi_{1,3})^3 (2 \xi_{1,1} - \xi_{1,2} - \xi_{1,3})^4 (\xi_{1,2} - \xi_{1,3})^3} +$$

$$\frac{32 \eta_{1,3} \eta_{1,2} \xi_{1,1}^4 \xi_{1,2} \xi_{1,3}}{(\xi_{1,1} - \xi_{1,2})^3 (\xi_{1,1} + \xi_{1,2} - 2 \xi_{1,3})^4 (\xi_{1,1} - \xi_{1,3})^3 (2 \xi_{1,1} - \xi_{1,2} - \xi_{1,3})^4 (\xi_{1,2} - \xi_{1,3})^3} -$$



$$\begin{aligned}
 & \frac{4 \eta_{1,3} \eta_{2,2} \xi_{1,1}^3 \xi_{1,2} \xi_{2,2}^{11}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{52 \eta_{1,2} \eta_{2,3} \xi_{1,1}^3 \xi_{1,2} \xi_{2,2}^{11}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{8 \eta_{2,2} \eta_{2,3} \xi_{1,1}^3 \xi_{1,2} \xi_{2,2}^{11}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{52 \eta_{1,2} \eta_{2,3} \xi_{1,1}^2 \xi_{1,2} \xi_{2,2}^{12}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{28 \eta_{1,2} \eta_{2,3} \xi_{1,1} \xi_{1,2} \xi_{2,2}^{13}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{4 \eta_{1,2} \eta_{2,3} \xi_{1,2} \xi_{2,2}^{14}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{64 \eta_{1,3} \eta_{2,3} \xi_{1,1}^{14} \xi_{2,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{64 \eta_{1,3} \eta_{2,3} \xi_{1,1}^{13} \xi_{2,2} \xi_{2,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{224 \eta_{1,3} \eta_{2,3} \xi_{1,1}^{12} \xi_{2,2}^2 \xi_{2,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{64 \eta_{2,3} \eta_{2,3} \xi_{1,1}^{11} \xi_{2,2}^3 \xi_{2,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{256 \eta_{1,3} \eta_{2,3} \xi_{1,1}^{11} \xi_{2,2}^3 \xi_{2,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{64 \eta_{2,3} \eta_{2,3} \xi_{1,1}^{11} \xi_{2,2}^3 \xi_{2,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{64 \eta_{2,3} \eta_{2,3} \xi_{1,1}^{10} \xi_{2,2}^4 \xi_{2,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{260 \eta_{1,3} \eta_{2,3} \xi_{1,1}^{10} \xi_{2,2}^4 \xi_{2,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{448 \eta_{2,3} \eta_{2,3} \xi_{1,1}^{10} \xi_{2,2}^4 \xi_{2,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{224 \eta_{2,3} \eta_{2,3} \xi_{1,1}^9 \xi_{2,2}^5 \xi_{2,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{380 \eta_{1,3} \eta_{2,3} \xi_{1,1}^9 \xi_{2,2}^5 \xi_{2,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} +
 \end{aligned}$$



$$\begin{aligned}
 & \frac{4 \eta_{1,3} \eta_{2,3} \xi_{1,1}^3 \xi_{2,2}^{11} \xi_{1,2,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{8 \eta_{1,3} \eta_{2,3} \xi_{1,1}^3 \xi_{2,2}^{11} \xi_{1,2,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{52 \eta_{1,3} \eta_{2,3} \xi_{1,1}^2 \xi_{2,2}^{12} \xi_{1,2,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{28 \eta_{1,3} \eta_{2,3} \xi_{1,1} \xi_{2,2}^{13} \xi_{1,2,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{4 \eta_{1,3} \eta_{2,3} \xi_{1,2,3}^2 \xi_{1,2,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{4 e^{-\lambda \xi_{1,1} - \lambda \xi_{2,2} + 2 \lambda \xi_{3,3}} \eta_{1,3} \eta_{2,3} \xi_{1,2,3} \xi_{3,3}}{(\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4} + \frac{4 e^{-2 \lambda \xi_{1,1} + \lambda \xi_{2,2} + \lambda \xi_{3,3}} \eta_{1,2} \eta_{1,3} \xi_{1,2} \xi_{3,3}}{(2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4} + \\
 & \frac{192 \eta_{1,3} \eta_{2,1,2} \xi_{1,1}^{11} \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{192 \eta_{1,2} \eta_{2,1,3} \xi_{1,1}^{11} \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{12 \eta_{1,2} \eta_{2,1,3} \xi_{1,1}^{11} \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{1216 \eta_{1,3} \eta_{2,1,2} \xi_{1,1}^{10} \xi_{1,2} \xi_{2,2}^3 \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{448 \eta_{1,2} \eta_{2,1,3} \xi_{1,1}^{10} \xi_{1,2} \xi_{2,2}^3 \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{28 \eta_{1,2} \eta_{2,1,3} \xi_{1,1}^{10} \xi_{1,2} \xi_{2,2}^3 \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{1120 \eta_{1,3} \eta_{2,1,2} \xi_{1,1}^9 \xi_{1,2} \xi_{2,2}^4 \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{1760 \eta_{1,2} \eta_{2,1,3} \xi_{1,1}^9 \xi_{1,2} \xi_{2,2}^4 \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{140 \eta_{1,2} \eta_{2,1,3} \xi_{1,1}^9 \xi_{1,2} \xi_{2,2}^4 \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{1248 \eta_{1,3} \eta_{2,1,2} \xi_{1,1}^8 \xi_{1,2} \xi_{2,2}^5 \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{480 \eta_{1,2} \eta_{2,1,3} \xi_{1,1}^8 \xi_{1,2} \xi_{2,2}^5 \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} -
 \end{aligned}$$

$$\begin{aligned}
 & \frac{108 \eta_{2,2} \eta_{2,3} \xi_{1,1}^8 \xi_{1,2} \xi_{2,2}^5 \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{1252 \eta_{1,3} \eta_{2,2} \xi_{1,1}^7 \xi_{1,2} \xi_{2,2}^6 \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{3868 \eta_{1,2} \eta_{2,3} \xi_{1,1}^7 \xi_{1,2} \xi_{2,2}^6 \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{348 \eta_{2,2} \eta_{2,3} \xi_{1,1}^7 \xi_{1,2} \xi_{2,2}^6 \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{668 \eta_{1,3} \eta_{2,2} \xi_{1,1}^6 \xi_{1,2} \xi_{2,2}^7 \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{1220 \eta_{1,2} \eta_{2,3} \xi_{1,1}^6 \xi_{1,2} \xi_{2,2}^7 \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{156 \eta_{2,2} \eta_{2,3} \xi_{1,1}^6 \xi_{1,2} \xi_{2,2}^7 \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{408 \eta_{1,3} \eta_{2,2} \xi_{1,1}^5 \xi_{1,2} \xi_{2,2}^8 \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{2964 \eta_{1,2} \eta_{2,3} \xi_{1,1}^5 \xi_{1,2} \xi_{2,2}^8 \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{324 \eta_{2,2} \eta_{2,3} \xi_{1,1}^5 \xi_{1,2} \xi_{2,2}^8 \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{200 \eta_{1,3} \eta_{2,2} \xi_{1,1}^4 \xi_{1,2} \xi_{2,2}^9 \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{2060 \eta_{1,2} \eta_{2,3} \xi_{1,1}^4 \xi_{1,2} \xi_{2,2}^9 \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{100 \eta_{2,2} \eta_{2,3} \xi_{1,1}^4 \xi_{1,2} \xi_{2,2}^9 \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{20 \eta_{1,3} \eta_{2,2} \xi_{1,1}^3 \xi_{1,2} \xi_{2,2}^{10} \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{404 \eta_{1,2} \eta_{2,3} \xi_{1,1}^3 \xi_{1,2} \xi_{2,2}^{10} \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{104 \eta_{2,2} \eta_{2,3} \xi_{1,1}^3 \xi_{1,2} \xi_{2,2}^{10} \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{12 \eta_{1,3} \eta_{2,2} \xi_{1,1}^2 \xi_{1,2} \xi_{2,2}^{11} \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{780 \eta_{1,2} \eta_{2,3} \xi_{1,1}^2 \xi_{1,2} \xi_{2,2}^{11} \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{24 \eta_{2,2} \eta_{2,3} \xi_{1,1}^2 \xi_{1,2} \xi_{2,2}^{11} \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{260 \eta_{1,2} \eta_{2,3} \xi_{1,1} \xi_{1,2} \xi_{2,2}^{12} \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{28 \eta_{1,2} \eta_{2,3} \xi_{1,2} \xi_{2,2}^{13} \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{832 \eta_{1,3} \eta_{2,3} \xi_{1,1}^{13} \xi_{2,3} \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{1280 \eta_{1,3} \eta_{2,3} \xi_{1,1}^{12} \xi_{1,2} \xi_{2,3} \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{192 \eta_{2,3} \eta_{2,3} \xi_{1,1}^{11} \xi_{2,2}^2 \xi_{2,3} \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{1920 \eta_{1,3} \eta_{2,3} \xi_{1,1}^{11} \xi_{1,2}^2 \xi_{2,3} \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{192 \eta_{2,3} \eta_{2,3} \xi_{1,1}^{11} \xi_{2,2}^2 \xi_{2,3} \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{448 \eta_{2,3} \eta_{2,3} \xi_{1,1}^{10} \xi_{1,2}^3 \xi_{2,3} \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{3856 \eta_{1,3} \eta_{2,3} \xi_{1,1}^{10} \xi_{1,2}^3 \xi_{2,3} \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{1088 \eta_{2,3} \eta_{2,3} \xi_{1,1}^{10} \xi_{1,2}^3 \xi_{2,3} \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{1760 \eta_{2,3} \eta_{2,3} \xi_{1,1}^9 \xi_{1,2}^4 \xi_{2,3} \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{700 \eta_{1,3} \eta_{2,3} \xi_{1,1}^9 \xi_{1,2}^4 \xi_{2,3} \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{2080 \eta_{2,3} \eta_{2,3} \xi_{1,1}^9 \xi_{1,2}^4 \xi_{2,3} \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{480 \eta_{2,3} \eta_{2,3} \xi_{1,1}^8 \xi_{1,2}^5 \xi_{2,3} \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{3876 \eta_{1,3} \eta_{2,3} \xi_{1,1}^8 \xi_{1,2}^5 \xi_{2,3} \xi_{3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} +
 \end{aligned}$$



$$\begin{aligned}
 & \frac{12 \eta_{1,3} \eta_{2,3} \xi_{1,1}^2 \xi_{2,2}^{11} \xi_{1,2,3} \xi_{1,3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{2,2} - \xi_{1,3,3})^3} - \\
 & \frac{24 \eta_{1,3} \eta_{2,3} \xi_{1,1}^2 \xi_{2,2}^{11} \xi_{1,2,3} \xi_{1,3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{2,2} - \xi_{1,3,3})^3} - \\
 & \frac{260 \eta_{1,3} \eta_{2,3} \xi_{1,1} \xi_{2,2}^{12} \xi_{1,2,3} \xi_{1,3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{2,2} - \xi_{1,3,3})^3} + \\
 & \frac{28 \eta_{1,3} \eta_{2,3} \xi_{1,2,2}^{13} \xi_{1,2,3} \xi_{1,3,3}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{2,2} - \xi_{1,3,3})^3} - \\
 & \frac{192 \eta_{1,3} \eta_{2,1,2} \xi_{1,1}^{11} \xi_{1,2} \xi_{2,2} \xi_{1,3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{2,2} - \xi_{1,3,3})^3} + \\
 & \frac{192 \eta_{1,2} \eta_{2,1,3} \xi_{1,1}^{11} \xi_{1,2} \xi_{2,2} \xi_{1,3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{2,2} - \xi_{1,3,3})^3} - \\
 & \frac{12 \eta_{2,2} \eta_{2,1,3} \xi_{1,1}^{11} \xi_{1,2} \xi_{2,2} \xi_{1,3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{2,2} - \xi_{1,3,3})^3} - \\
 & \frac{2880 \eta_{1,3} \eta_{2,1,2} \xi_{1,1}^{10} \xi_{1,2} \xi_{2,2}^2 \xi_{1,3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{2,2} - \xi_{1,3,3})^3} + \\
 & \frac{1728 \eta_{1,2} \eta_{2,1,3} \xi_{1,1}^{10} \xi_{1,2} \xi_{2,2}^2 \xi_{1,3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{2,2} - \xi_{1,3,3})^3} - \\
 & \frac{108 \eta_{2,1,2} \eta_{2,1,3} \xi_{1,1}^{10} \xi_{1,2} \xi_{2,2}^2 \xi_{1,3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{2,2} - \xi_{1,3,3})^3} - \\
 & \frac{8320 \eta_{1,3} \eta_{2,1,2} \xi_{1,1}^9 \xi_{1,2} \xi_{2,2}^3 \xi_{1,3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{2,2} - \xi_{1,3,3})^3} - \\
 & \frac{1280 \eta_{1,2} \eta_{2,1,3} \xi_{1,1}^9 \xi_{1,2} \xi_{2,2}^3 \xi_{1,3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{2,2} - \xi_{1,3,3})^3} + \\
 & \frac{140 \eta_{2,1,2} \eta_{2,1,3} \xi_{1,1}^9 \xi_{1,2} \xi_{2,2}^3 \xi_{1,3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{2,2} - \xi_{1,3,3})^3} - \\
 & \frac{1920 \eta_{1,3} \eta_{2,1,2} \xi_{1,1}^8 \xi_{1,2} \xi_{2,2}^4 \xi_{1,3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{2,2} - \xi_{1,3,3})^3} - \\
 & \frac{9120 \eta_{1,2} \eta_{2,1,3} \xi_{1,1}^8 \xi_{1,2} \xi_{2,2}^4 \xi_{1,3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{2,2} - \xi_{1,3,3})^3} + \\
 & \frac{900 \eta_{2,1,2} \eta_{2,1,3} \xi_{1,1}^8 \xi_{1,2} \xi_{2,2}^4 \xi_{1,3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{2,2} - \xi_{1,3,3})^3} + \\
 & \frac{8748 \eta_{1,3} \eta_{2,1,2} \xi_{1,1}^7 \xi_{1,2} \xi_{2,2}^5 \xi_{1,3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{2,2} - \xi_{1,3,3})^3} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{9684 \eta_{1,2} \eta_{2,3} \xi_{1,1}^7 \xi_{1,2} \xi_{2,2}^5 \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{612 \eta_{2,2} \eta_{2,3} \xi_{1,1}^7 \xi_{1,2} \xi_{2,2}^5 \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{2044 \eta_{1,3} \eta_{2,2} \xi_{1,1}^6 \xi_{1,2} \xi_{2,2}^6 \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{9268 \eta_{1,2} \eta_{2,3} \xi_{1,1}^6 \xi_{1,2} \xi_{2,2}^6 \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{1764 \eta_{2,2} \eta_{2,3} \xi_{1,1}^6 \xi_{1,2} \xi_{2,2}^6 \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{3636 \eta_{1,3} \eta_{2,2} \xi_{1,1}^5 \xi_{1,2} \xi_{2,2}^7 \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{15516 \eta_{1,2} \eta_{2,3} \xi_{1,1}^5 \xi_{1,2} \xi_{2,2}^7 \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{828 \eta_{2,2} \eta_{2,3} \xi_{1,1}^5 \xi_{1,2} \xi_{2,2}^7 \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{120 \eta_{1,3} \eta_{2,2} \xi_{1,1}^4 \xi_{1,2} \xi_{2,2}^8 \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{1860 \eta_{1,2} \eta_{2,3} \xi_{1,1}^4 \xi_{1,2} \xi_{2,2}^8 \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{1260 \eta_{2,2} \eta_{2,3} \xi_{1,1}^4 \xi_{1,2} \xi_{2,2}^8 \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{500 \eta_{1,3} \eta_{2,2} \xi_{1,1}^3 \xi_{1,2} \xi_{2,2}^9 \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{6140 \eta_{1,2} \eta_{2,3} \xi_{1,1}^3 \xi_{1,2} \xi_{2,2}^9 \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{320 \eta_{2,2} \eta_{2,3} \xi_{1,1}^3 \xi_{1,2} \xi_{2,2}^9 \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{36 \eta_{1,3} \eta_{2,2} \xi_{1,1}^2 \xi_{1,2} \xi_{2,2}^{10} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{3684 \eta_{1,2} \eta_{2,3} \xi_{1,1}^2 \xi_{1,2} \xi_{2,2}^{10} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{288 \eta_{2,2} \eta_{2,3} \xi_{1,1}^2 \xi_{1,2} \xi_{2,2}^{10} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} -
 \end{aligned}$$

$$\begin{aligned}
 & \frac{12 \eta_{1,3} \eta_{2,2} \xi_{1,1} \xi_{1,2} \xi_{2,2}^{11} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{780 \eta_{1,2} \eta_{2,3} \xi_{1,1} \xi_{1,2} \xi_{2,2}^{11} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{24 \eta_{2,2} \eta_{2,3} \xi_{1,1} \xi_{1,2} \xi_{2,2}^{11} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{52 \eta_{1,2} \eta_{2,3} \xi_{1,1} \xi_{2,2}^{12} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{4768 \eta_{1,3} \eta_{2,3} \xi_{1,1}^{12} \xi_{2,3} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{192 \eta_{2,3} \eta_{2,3} \xi_{1,1}^{11} \xi_{2,2} \xi_{2,3} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{9600 \eta_{1,3} \eta_{2,3} \xi_{1,1}^{11} \xi_{2,2} \xi_{2,3} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{192 \eta_{2,3} \eta_{2,3} \xi_{1,1}^{11} \xi_{2,2} \xi_{2,3} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{1728 \eta_{2,3} \eta_{2,3} \xi_{1,1}^{10} \xi_{2,2}^2 \xi_{2,3} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{4776 \eta_{1,3} \eta_{2,3} \xi_{1,1}^{10} \xi_{2,2}^2 \xi_{2,3} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{576 \eta_{2,3} \eta_{2,3} \xi_{1,1}^{10} \xi_{2,2}^2 \xi_{2,3} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{1280 \eta_{2,3} \eta_{2,3} \xi_{1,1}^9 \xi_{2,2}^3 \xi_{2,3} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{20680 \eta_{1,3} \eta_{2,3} \xi_{1,1}^9 \xi_{2,2}^3 \xi_{2,3} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{1280 \eta_{2,3} \eta_{2,3} \xi_{1,1}^9 \xi_{2,2}^3 \xi_{2,3} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{9120 \eta_{2,3} \eta_{2,3} \xi_{1,1}^8 \xi_{2,2}^4 \xi_{2,3} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{6540 \eta_{1,3} \eta_{2,3} \xi_{1,1}^8 \xi_{2,2}^4 \xi_{2,3} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{7200 \eta_{2,3} \eta_{2,3} \xi_{1,1}^8 \xi_{2,2}^4 \xi_{2,3} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} +
 \end{aligned}$$



$$\begin{aligned}
 & \frac{288 \eta_{2,3} \eta_{2,2,3} \xi_{1,1}^2 \xi_{2,2}^{10} \xi_{1,2,3} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{780 \eta_{2,3} \eta_{2,1,3} \xi_{1,1} \xi_{2,2}^{11} \xi_{1,2,3} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{12 \eta_{1,3} \eta_{2,2,3} \xi_{1,1} \xi_{2,2}^{11} \xi_{1,2,3} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{24 \eta_{2,3} \eta_{2,2,3} \xi_{1,1} \xi_{2,2}^{11} \xi_{1,2,3} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{52 \eta_{2,3} \eta_{2,1,3} \xi_{1,2,2} \xi_{1,2,3} \xi_{3,3}^2}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{64 \eta_{1,3} \eta_{2,1,2} \xi_{1,1}^2 \xi_{1,2} \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{64 \eta_{1,2} \eta_{2,1,3} \xi_{1,1}^2 \xi_{1,2} \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{4 \eta_{2,2} \eta_{2,1,3} \xi_{1,1}^2 \xi_{1,2} \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{2624 \eta_{1,3} \eta_{2,1,2} \xi_{1,1}^{10} \xi_{1,2} \xi_{2,2} \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{1856 \eta_{1,2} \eta_{2,1,3} \xi_{1,1}^{10} \xi_{1,2} \xi_{2,2} \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{116 \eta_{2,2} \eta_{2,1,3} \xi_{1,1}^{10} \xi_{1,2} \xi_{2,2} \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{17920 \eta_{1,3} \eta_{2,1,2} \xi_{1,1}^9 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{4480 \eta_{1,2} \eta_{2,1,3} \xi_{1,1}^9 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{220 \eta_{2,2} \eta_{2,1,3} \xi_{1,1}^9 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{27520 \eta_{1,3} \eta_{2,1,2} \xi_{1,1}^8 \xi_{1,2} \xi_{2,2}^3 \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{16000 \eta_{1,2} \eta_{2,1,3} \xi_{1,1}^8 \xi_{1,2} \xi_{2,2}^3 \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{1620 \eta_{2,2} \eta_{2,1,3} \xi_{1,1}^8 \xi_{1,2} \xi_{2,2}^3 \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} -
 \end{aligned}$$



$$\begin{aligned}
 & \frac{1280 \eta_{2,2} \eta_{2,3} \xi_{1,1}^2 \xi_{1,2} \xi_{1,2}^9 \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{68 \eta_{1,3} \eta_{2,2} \xi_{1,1} \xi_{1,2} \xi_{2,2}^{10} \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{404 \eta_{1,2} \eta_{2,3} \xi_{1,1} \xi_{1,2} \xi_{2,2}^{10} \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{280 \eta_{2,2} \eta_{2,3} \xi_{1,1} \xi_{1,2} \xi_{2,2}^{10} \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{4 \eta_{1,3} \eta_{2,2} \xi_{1,2} \xi_{2,2}^{11} \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{52 \eta_{1,2} \eta_{2,3} \xi_{1,2} \xi_{2,2}^{11} \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{8 \eta_{2,2} \eta_{2,3} \xi_{1,2} \xi_{2,2}^{11} \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{64 \eta_{2,3} \eta_{2,3} \xi_{1,1}^{11} \xi_{2,3} \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{15872 \eta_{1,3} \eta_{2,3} \xi_{1,1}^{11} \xi_{2,3} \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{64 \eta_{2,3} \eta_{2,3} \xi_{1,1}^{11} \xi_{2,3} \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{1856 \eta_{2,3} \eta_{2,3} \xi_{1,1}^{10} \xi_{2,2} \xi_{2,3} \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{38384 \eta_{1,3} \eta_{2,3} \xi_{1,1}^{10} \xi_{2,2} \xi_{2,3} \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{320 \eta_{2,3} \eta_{2,3} \xi_{1,1}^{10} \xi_{2,2} \xi_{2,3} \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{4480 \eta_{2,3} \eta_{2,3} \xi_{1,1}^9 \xi_{2,2}^2 \xi_{2,3} \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{4760 \eta_{1,3} \eta_{2,3} \xi_{1,1}^9 \xi_{2,2}^2 \xi_{2,3} \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{3200 \eta_{2,3} \eta_{2,3} \xi_{1,1}^9 \xi_{2,2}^2 \xi_{2,3} \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{16000 \eta_{2,3} \eta_{2,3} \xi_{1,1}^8 \xi_{2,2}^3 \xi_{2,3} \xi_{3,3}^3}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} +
 \end{aligned}$$







$$\begin{aligned}
 & \frac{1860 \eta_{1,2} \eta_{2,3} \xi_{1,1}^2 \xi_{1,2} \xi_{2,2}^8 \xi_{3,3}^4}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{2340 \eta_{2,2} \eta_{2,3} \xi_{1,1}^2 \xi_{1,2} \xi_{2,2}^8 \xi_{3,3}^4}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{20 \eta_{1,3} \eta_{2,2} \xi_{1,1} \xi_{1,2} \xi_{2,2}^9 \xi_{3,3}^4}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{2060 \eta_{1,2} \eta_{2,3} \xi_{1,1} \xi_{1,2} \xi_{2,2}^9 \xi_{3,3}^4}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{1340 \eta_{2,2} \eta_{2,3} \xi_{1,1} \xi_{1,2} \xi_{2,2}^9 \xi_{3,3}^4}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{28 \eta_{1,3} \eta_{2,2} \xi_{1,2} \xi_{2,2}^{10} \xi_{3,3}^4}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{244 \eta_{1,2} \eta_{2,3} \xi_{1,2} \xi_{2,2}^{10} \xi_{3,3}^4}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{92 \eta_{2,2} \eta_{2,3} \xi_{1,2} \xi_{2,2}^{10} \xi_{3,3}^4}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{640 \eta_{2,3} \eta_{2,3} \xi_{1,1}^{10} \xi_{2,3} \xi_{3,3}^4}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{34052 \eta_{1,3} \eta_{2,3} \xi_{1,1}^{10} \xi_{2,3} \xi_{3,3}^4}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{256 \eta_{2,3} \eta_{2,3} \xi_{1,1}^{10} \xi_{2,3} \xi_{3,3}^4}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{6880 \eta_{2,3} \eta_{2,3} \xi_{1,1}^9 \xi_{2,2} \xi_{2,3} \xi_{3,3}^4}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{93580 \eta_{1,3} \eta_{2,3} \xi_{1,1}^9 \xi_{2,2} \xi_{2,3} \xi_{3,3}^4}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{800 \eta_{2,3} \eta_{2,3} \xi_{1,1}^9 \xi_{2,2} \xi_{2,3} \xi_{3,3}^4}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{1920 \eta_{2,3} \eta_{2,3} \xi_{1,1}^8 \xi_{2,2}^2 \xi_{2,3} \xi_{3,3}^4}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{50700 \eta_{1,3} \eta_{2,3} \xi_{1,1}^8 \xi_{2,2}^2 \xi_{2,3} \xi_{3,3}^4}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{2880 \eta_{2,3} \eta_{2,3} \xi_{1,1}^8 \xi_{2,2}^2 \xi_{2,3} \xi_{3,3}^4}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} -
 \end{aligned}$$



$$\begin{aligned}
 & \frac{1260 \eta_{2,3} \eta_{2,3} \xi_{1,1}^2 \xi_{1,2}^8 \xi_{1,2,3} \xi_{1,3,3}^4}{(\xi_{1,1} - \xi_{1,2,2})^3 (\xi_{1,1} + \xi_{1,2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{1,2,2} - \xi_{1,3,3})^3} - \\
 & \frac{2060 \eta_{1,3} \eta_{2,3} \xi_{1,1} \xi_{1,2}^9 \xi_{1,2,3} \xi_{1,3,3}^4}{(\xi_{1,1} - \xi_{1,2,2})^3 (\xi_{1,1} + \xi_{1,2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{1,2,2} - \xi_{1,3,3})^3} - \\
 & \frac{200 \eta_{1,3} \eta_{2,3} \xi_{1,1} \xi_{1,2}^9 \xi_{1,2,3} \xi_{1,3,3}^4}{(\xi_{1,1} - \xi_{1,2,2})^3 (\xi_{1,1} + \xi_{1,2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{1,2,2} - \xi_{1,3,3})^3} - \\
 & \frac{100 \eta_{2,3} \eta_{2,3} \xi_{1,1} \xi_{1,2}^9 \xi_{1,2,3} \xi_{1,3,3}^4}{(\xi_{1,1} - \xi_{1,2,2})^3 (\xi_{1,1} + \xi_{1,2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{1,2,2} - \xi_{1,3,3})^3} + \\
 & \frac{244 \eta_{1,3} \eta_{2,3} \xi_{1,2}^{10} \xi_{1,2,3} \xi_{1,3,3}^4}{(\xi_{1,1} - \xi_{1,2,2})^3 (\xi_{1,1} + \xi_{1,2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{1,2,2} - \xi_{1,3,3})^3} + \\
 & \frac{16 \eta_{1,3} \eta_{2,3} \xi_{1,2}^{10} \xi_{1,2,3} \xi_{1,3,3}^4}{(\xi_{1,1} - \xi_{1,2,2})^3 (\xi_{1,1} + \xi_{1,2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{1,2,2} - \xi_{1,3,3})^3} - \\
 & \frac{4 \eta_{2,3} \eta_{2,3} \xi_{1,2}^{10} \xi_{1,2,3} \xi_{1,3,3}^4}{(\xi_{1,1} - \xi_{1,2,2})^3 (\xi_{1,1} + \xi_{1,2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{1,2,2} - \xi_{1,3,3})^3} + \\
 & \frac{4768 \eta_{1,3} \eta_{2,1,2} \xi_{1,1}^9 \xi_{1,1,2} \xi_{1,3,3}^5}{(\xi_{1,1} - \xi_{1,2,2})^3 (\xi_{1,1} + \xi_{1,2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{1,2,2} - \xi_{1,3,3})^3} - \\
 & \frac{2656 \eta_{1,2} \eta_{2,1,3} \xi_{1,1}^9 \xi_{1,1,2} \xi_{1,3,3}^5}{(\xi_{1,1} - \xi_{1,2,2})^3 (\xi_{1,1} + \xi_{1,2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{1,2,2} - \xi_{1,3,3})^3} + \\
 & \frac{160 \eta_{2,1,2} \eta_{2,1,3} \xi_{1,1}^9 \xi_{1,1,2} \xi_{1,3,3}^5}{(\xi_{1,1} - \xi_{1,2,2})^3 (\xi_{1,1} + \xi_{1,2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{1,2,2} - \xi_{1,3,3})^3} + \\
 & \frac{52320 \eta_{1,3} \eta_{2,1,2} \xi_{1,1}^8 \xi_{1,1,2} \xi_{1,2,2} \xi_{1,3,3}^5}{(\xi_{1,1} - \xi_{1,2,2})^3 (\xi_{1,1} + \xi_{1,2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{1,2,2} - \xi_{1,3,3})^3} - \\
 & \frac{11616 \eta_{1,2} \eta_{2,1,3} \xi_{1,1}^8 \xi_{1,1,2} \xi_{1,2,2} \xi_{1,3,3}^5}{(\xi_{1,1} - \xi_{1,2,2})^3 (\xi_{1,1} + \xi_{1,2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{1,2,2} - \xi_{1,3,3})^3} + \\
 & \frac{432 \eta_{2,1,2} \eta_{2,1,3} \xi_{1,1}^8 \xi_{1,1,2} \xi_{1,2,2} \xi_{1,3,3}^5}{(\xi_{1,1} - \xi_{1,2,2})^3 (\xi_{1,1} + \xi_{1,2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{1,2,2} - \xi_{1,3,3})^3} + \\
 & \frac{124884 \eta_{1,3} \eta_{2,1,2} \xi_{1,1}^7 \xi_{1,1,2} \xi_{1,2,2}^2 \xi_{1,3,3}^5}{(\xi_{1,1} - \xi_{1,2,2})^3 (\xi_{1,1} + \xi_{1,2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{1,2,2} - \xi_{1,3,3})^3} + \\
 & \frac{27180 \eta_{1,2} \eta_{2,1,3} \xi_{1,1}^7 \xi_{1,1,2} \xi_{1,2,2}^2 \xi_{1,3,3}^5}{(\xi_{1,1} - \xi_{1,2,2})^3 (\xi_{1,1} + \xi_{1,2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{1,2,2} - \xi_{1,3,3})^3} - \\
 & \frac{3924 \eta_{2,1,2} \eta_{2,1,3} \xi_{1,1}^7 \xi_{1,1,2} \xi_{1,2,2}^2 \xi_{1,3,3}^5}{(\xi_{1,1} - \xi_{1,2,2})^3 (\xi_{1,1} + \xi_{1,2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{1,2,2} - \xi_{1,3,3})^3} + \\
 & \frac{26068 \eta_{1,3} \eta_{2,1,2} \xi_{1,1}^6 \xi_{1,1,2} \xi_{1,2,2}^3 \xi_{1,3,3}^5}{(\xi_{1,1} - \xi_{1,2,2})^3 (\xi_{1,1} + \xi_{1,2,2} - 2 \xi_{1,3,3})^4 (\xi_{1,1} - \xi_{1,3,3})^3 (2 \xi_{1,1} - \xi_{1,2,2} - \xi_{1,3,3})^4 (\xi_{1,2,2} - \xi_{1,3,3})^3} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{26572 \eta_{1,2} \eta_{2,3} \xi_{1,1}^6 \xi_{1,2} \xi_{2,2}^3 \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{3444 \eta_{2,2} \eta_{2,3} \xi_{1,1}^6 \xi_{1,2} \xi_{2,2}^3 \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{86772 \eta_{1,3} \eta_{2,2} \xi_{1,1}^5 \xi_{1,2} \xi_{2,2}^4 \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{79716 \eta_{1,2} \eta_{2,3} \xi_{1,1}^5 \xi_{1,2} \xi_{2,2}^4 \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{14364 \eta_{2,2} \eta_{2,3} \xi_{1,1}^5 \xi_{1,2} \xi_{2,2}^4 \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{10164 \eta_{1,3} \eta_{2,2} \xi_{1,1}^4 \xi_{1,2} \xi_{2,2}^5 \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{35196 \eta_{1,2} \eta_{2,3} \xi_{1,1}^4 \xi_{1,2} \xi_{2,2}^5 \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{2268 \eta_{2,2} \eta_{2,3} \xi_{1,1}^4 \xi_{1,2} \xi_{2,2}^5 \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{18508 \eta_{1,3} \eta_{2,2} \xi_{1,1}^3 \xi_{1,2} \xi_{2,2}^6 \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{17668 \eta_{1,2} \eta_{2,3} \xi_{1,1}^3 \xi_{1,2} \xi_{2,2}^6 \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{13692 \eta_{2,2} \eta_{2,3} \xi_{1,1}^3 \xi_{1,2} \xi_{2,2}^6 \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{756 \eta_{1,3} \eta_{2,2} \xi_{1,1}^2 \xi_{1,2} \xi_{2,2}^7 \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{15516 \eta_{1,2} \eta_{2,3} \xi_{1,1}^2 \xi_{1,2} \xi_{2,2}^7 \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{36 \eta_{2,2} \eta_{2,3} \xi_{1,1}^2 \xi_{1,2} \xi_{2,2}^7 \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{780 \eta_{1,3} \eta_{2,2} \xi_{1,1} \xi_{1,2} \xi_{2,2}^8 \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{2964 \eta_{1,2} \eta_{2,3} \xi_{1,1} \xi_{1,2} \xi_{2,2}^8 \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{3348 \eta_{2,2} \eta_{2,3} \xi_{1,1} \xi_{1,2} \xi_{2,2}^8 \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{52 \eta_{1,3} \eta_{2,2} \xi_{1,2} \xi_{2,2}^9 \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{76 \eta_{1,2} \eta_{2,3} \xi_{1,2} \xi_{2,2}^9 \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{452 \eta_{2,2} \eta_{2,3} \xi_{1,2} \xi_{2,2}^9 \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{2656 \eta_{2,3} \eta_{2,3} \xi_{1,1}^9 \xi_{2,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{49\,388 \eta_{1,3} \eta_{2,3} \xi_{1,1}^9 \xi_{2,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{352 \eta_{2,3} \eta_{2,3} \xi_{1,1}^9 \xi_{2,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{11\,616 \eta_{2,3} \eta_{2,3} \xi_{1,1}^8 \xi_{2,2} \xi_{2,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{148\,164 \eta_{1,3} \eta_{2,3} \xi_{1,1}^8 \xi_{2,2} \xi_{2,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{2592 \eta_{2,3} \eta_{2,3} \xi_{1,1}^8 \xi_{2,2} \xi_{2,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{27\,180 \eta_{2,3} \eta_{2,3} \xi_{1,1}^7 \xi_{2,2}^2 \xi_{2,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{122\,436 \eta_{1,3} \eta_{2,3} \xi_{1,1}^7 \xi_{2,2}^2 \xi_{2,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{2772 \eta_{2,3} \eta_{2,3} \xi_{1,1}^7 \xi_{2,2}^2 \xi_{2,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{26\,572 \eta_{2,3} \eta_{2,3} \xi_{1,1}^6 \xi_{2,2}^3 \xi_{2,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{31\,780 \eta_{1,3} \eta_{2,3} \xi_{1,1}^6 \xi_{2,2}^3 \xi_{2,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{6132 \eta_{2,3} \eta_{2,3} \xi_{1,1}^6 \xi_{2,2}^3 \xi_{2,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{79\,716 \eta_{2,3} \eta_{2,3} \xi_{1,1}^5 \xi_{2,2}^4 \xi_{2,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{86\,772 \eta_{1,3} \eta_{2,3} \xi_{1,1}^5 \xi_{2,2}^4 \xi_{2,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{14\,364 \eta_{2,3} \eta_{2,3} \xi_{1,1}^5 \xi_{1,2}^4 \xi_{1,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{35\,196 \eta_{2,3} \eta_{2,3} \xi_{1,1}^4 \xi_{1,2}^5 \xi_{1,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{30\,156 \eta_{1,3} \eta_{2,3} \xi_{1,1}^4 \xi_{1,2}^5 \xi_{1,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{9828 \eta_{2,3} \eta_{2,3} \xi_{1,1}^4 \xi_{1,2}^5 \xi_{1,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{17\,668 \eta_{2,3} \eta_{2,3} \xi_{1,1}^3 \xi_{1,2}^6 \xi_{1,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{4396 \eta_{1,3} \eta_{2,3} \xi_{1,1}^3 \xi_{1,2}^6 \xi_{1,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{1596 \eta_{2,3} \eta_{2,3} \xi_{1,1}^3 \xi_{1,2}^6 \xi_{1,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{15\,516 \eta_{2,3} \eta_{2,3} \xi_{1,1}^2 \xi_{1,2}^7 \xi_{1,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{3636 \eta_{1,3} \eta_{2,3} \xi_{1,1}^2 \xi_{1,2}^7 \xi_{1,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{828 \eta_{2,3} \eta_{2,3} \xi_{1,1}^2 \xi_{1,2}^7 \xi_{1,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{2964 \eta_{2,3} \eta_{2,3} \xi_{1,1} \xi_{1,2}^8 \xi_{1,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{408 \eta_{1,3} \eta_{2,3} \xi_{1,1} \xi_{1,2}^8 \xi_{1,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{324 \eta_{2,3} \eta_{2,3} \xi_{1,1} \xi_{1,2}^8 \xi_{1,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{76 \eta_{2,3} \eta_{2,3} \xi_{1,2}^9 \xi_{1,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{8 \eta_{1,3} \eta_{2,3} \xi_{1,2}^9 \xi_{1,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{28 \eta_{2,3} \eta_{2,3} \xi_{1,2}^9 \xi_{1,3} \xi_{3,3}^5}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{15\,872 \eta_{1,3} \eta_{2,1,2} \xi_{1,1}^8 \xi_{1,2} \xi_{1,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{5920 \eta_{1,2} \eta_{2,3} \xi_{1,1}^8 \xi_{1,2} \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{312 \eta_{2,2} \eta_{2,3} \xi_{1,1}^8 \xi_{1,2} \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{111\,388 \eta_{1,3} \eta_{2,2} \xi_{1,1}^7 \xi_{1,2} \xi_{2,2} \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{6428 \eta_{1,2} \eta_{2,3} \xi_{1,1}^7 \xi_{1,2} \xi_{2,2} \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{732 \eta_{2,2} \eta_{2,3} \xi_{1,1}^7 \xi_{1,2} \xi_{2,2} \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{158\,732 \eta_{1,3} \eta_{2,2} \xi_{1,1}^6 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{44\,996 \eta_{1,2} \eta_{2,3} \xi_{1,1}^6 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{6300 \eta_{2,2} \eta_{2,3} \xi_{1,1}^6 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{31\,780 \eta_{1,3} \eta_{2,2} \xi_{1,1}^5 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{26\,572 \eta_{1,2} \eta_{2,3} \xi_{1,1}^5 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{6132 \eta_{2,2} \eta_{2,3} \xi_{1,1}^5 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{80\,780 \eta_{1,3} \eta_{2,2} \xi_{1,1}^4 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{37\,100 \eta_{1,2} \eta_{2,3} \xi_{1,1}^4 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{13\,860 \eta_{2,2} \eta_{2,3} \xi_{1,1}^4 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{11\,732 \eta_{1,3} \eta_{2,2} \xi_{1,1}^3 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{41\,132 \eta_{1,2} \eta_{2,3} \xi_{1,1}^3 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{12\,180 \eta_{2,2} \eta_{2,3} \xi_{1,1}^3 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} -
 \end{aligned}$$

$$\begin{aligned}
 & \frac{8372 \eta_{1,3} \eta_{2,2} \xi_{1,1}^2 \xi_{1,2} \xi_{2,2}^6 \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{9268 \eta_{1,2} \eta_{2,3} \xi_{1,1}^2 \xi_{1,2} \xi_{2,2}^6 \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{6804 \eta_{2,2} \eta_{2,3} \xi_{1,1}^2 \xi_{1,2} \xi_{2,2}^6 \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{1292 \eta_{1,3} \eta_{2,2} \xi_{1,1} \xi_{1,2} \xi_{2,2}^7 \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{1220 \eta_{1,2} \eta_{2,3} \xi_{1,1} \xi_{1,2} \xi_{2,2}^7 \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{4476 \eta_{2,2} \eta_{2,3} \xi_{1,1} \xi_{1,2} \xi_{2,2}^7 \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{52 \eta_{1,3} \eta_{2,2} \xi_{1,2} \xi_{2,2}^8 \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{380 \eta_{1,2} \eta_{2,3} \xi_{1,2} \xi_{2,2}^8 \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{1236 \eta_{2,2} \eta_{2,3} \xi_{1,2} \xi_{2,2}^8 \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{5920 \eta_{2,3} \eta_{2,3} \xi_{1,1}^8 \xi_{1,2,3} \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{49\,388 \eta_{1,3} \eta_{2,3} \xi_{1,1}^8 \xi_{1,2,3} \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{96 \eta_{2,3} \eta_{2,3} \xi_{1,1}^8 \xi_{1,2,3} \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{6428 \eta_{2,3} \eta_{2,3} \xi_{1,1}^7 \xi_{1,2,2} \xi_{1,2,3} \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{156\,740 \eta_{1,3} \eta_{2,3} \xi_{1,1}^7 \xi_{1,2,2} \xi_{1,2,3} \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{2532 \eta_{2,3} \eta_{2,3} \xi_{1,1}^7 \xi_{1,2,2} \xi_{1,2,3} \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{44\,996 \eta_{2,3} \eta_{2,3} \xi_{1,1}^6 \xi_{1,2,2}^2 \xi_{1,2,3} \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{158\,732 \eta_{1,3} \eta_{2,3} \xi_{1,1}^6 \xi_{1,2,2}^2 \xi_{1,2,3} \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} +
 \end{aligned}$$



$$\begin{aligned}
 & \frac{80 \eta_{1,3} \eta_{2,3} \xi_{2,2}^8 \xi_{1,2,3} \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{12 \eta_{1,3} \eta_{2,3} \xi_{2,2}^8 \xi_{1,2,3} \xi_{3,3}^6}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{34052 \eta_{1,3} \eta_{2,2} \xi_{1,1}^7 \xi_{1,2} \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{7684 \eta_{1,2} \eta_{2,3} \xi_{1,1}^7 \xi_{1,2} \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{252 \eta_{2,2} \eta_{2,3} \xi_{1,1}^7 \xi_{1,2} \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{156740 \eta_{1,3} \eta_{2,2} \xi_{1,1}^6 \xi_{1,2} \xi_{2,2} \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{6428 \eta_{1,2} \eta_{2,3} \xi_{1,1}^6 \xi_{1,2} \xi_{2,2} \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{2532 \eta_{2,2} \eta_{2,3} \xi_{1,1}^6 \xi_{1,2} \xi_{2,2} \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{122436 \eta_{1,3} \eta_{2,2} \xi_{1,1}^5 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{27180 \eta_{1,2} \eta_{2,3} \xi_{1,1}^5 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{2772 \eta_{2,2} \eta_{2,3} \xi_{1,1}^5 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{68860 \eta_{1,3} \eta_{2,2} \xi_{1,1}^4 \xi_{1,2} \xi_{2,2}^3 \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{40180 \eta_{1,2} \eta_{2,3} \xi_{1,1}^4 \xi_{1,2} \xi_{2,2}^3 \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{12300 \eta_{2,2} \eta_{2,3} \xi_{1,1}^4 \xi_{1,2} \xi_{2,2}^3 \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{37780 \eta_{1,3} \eta_{2,2} \xi_{1,1}^3 \xi_{1,2} \xi_{2,2}^4 \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{8180 \eta_{1,2} \eta_{2,3} \xi_{1,1}^3 \xi_{1,2} \xi_{2,2}^4 \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{780 \eta_{2,2} \eta_{2,3} \xi_{1,1}^3 \xi_{1,2} \xi_{2,2}^4 \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{12\,204\,\eta_{1,3}\,\eta_{2,2}\,\xi_{1,1}^2\,\xi_{1,2}\,\xi_{2,2}^5\,\xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2\xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2\xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{9684\,\eta_{1,2}\,\eta_{2,3}\,\xi_{1,1}^2\,\xi_{1,2}\,\xi_{2,2}^5\,\xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2\xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2\xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{11\,052\,\eta_{2,2}\,\eta_{2,3}\,\xi_{1,1}^2\,\xi_{1,2}\,\xi_{2,2}^5\,\xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2\xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2\xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{1100\,\eta_{1,3}\,\eta_{2,2}\,\xi_{1,1}\,\xi_{1,2}\,\xi_{2,2}^6\,\xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2\xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2\xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{3868\,\eta_{1,2}\,\eta_{2,3}\,\xi_{1,1}\,\xi_{1,2}\,\xi_{2,2}^6\,\xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2\xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2\xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{2532\,\eta_{2,2}\,\eta_{2,3}\,\xi_{1,1}\,\xi_{1,2}\,\xi_{2,2}^6\,\xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2\xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2\xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{244\,\eta_{1,3}\,\eta_{2,2}\,\xi_{1,2}\,\xi_{2,2}^7\,\xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2\xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2\xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{260\,\eta_{1,2}\,\eta_{2,3}\,\xi_{1,2}\,\xi_{2,2}^7\,\xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2\xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2\xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{2052\,\eta_{2,2}\,\eta_{2,3}\,\xi_{1,2}\,\xi_{2,2}^7\,\xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2\xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2\xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{7684\,\eta_{2,3}\,\eta_{2,3}\,\xi_{1,1}^7\,\xi_{2,3}\,\xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2\xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2\xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{34\,052\,\eta_{1,3}\,\eta_{2,3}\,\xi_{1,1}^7\,\xi_{2,3}\,\xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2\xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2\xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{252\,\eta_{2,3}\,\eta_{2,3}\,\xi_{1,1}^7\,\xi_{2,3}\,\xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2\xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2\xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{6428\,\eta_{2,3}\,\eta_{2,3}\,\xi_{1,1}^6\,\xi_{2,2}\,\xi_{2,3}\,\xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2\xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2\xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{111\,388\,\eta_{1,3}\,\eta_{2,3}\,\xi_{1,1}^6\,\xi_{2,2}\,\xi_{2,3}\,\xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2\xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2\xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{732\,\eta_{2,3}\,\eta_{2,3}\,\xi_{1,1}^6\,\xi_{2,2}\,\xi_{2,3}\,\xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2\xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2\xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{27\,180\,\eta_{2,3}\,\eta_{2,3}\,\xi_{1,1}^5\,\xi_{2,2}^2\,\xi_{2,3}\,\xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2\xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2\xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{124\,884\,\eta_{1,3}\,\eta_{2,3}\,\xi_{1,1}^5\,\xi_{2,2}^2\,\xi_{2,3}\,\xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2\xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2\xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} -
 \end{aligned}$$

$$\begin{aligned}
 & \frac{3924 \eta_{2,3} \eta_{2,3} \xi_{1,1}^5 \xi_{2,2}^2 \xi_{2,3} \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{40180 \eta_{2,3} \eta_{2,3} \xi_{1,1}^4 \xi_{2,2}^3 \xi_{2,3} \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{45580 \eta_{1,3} \eta_{2,3} \xi_{1,1}^4 \xi_{2,2}^3 \xi_{2,3} \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{4620 \eta_{2,3} \eta_{2,3} \xi_{1,1}^4 \xi_{2,2}^3 \xi_{2,3} \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{8180 \eta_{2,3} \eta_{2,3} \xi_{1,1}^3 \xi_{2,2}^4 \xi_{2,3} \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{9460 \eta_{1,3} \eta_{2,3} \xi_{1,1}^3 \xi_{2,2}^4 \xi_{2,3} \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{1380 \eta_{2,3} \eta_{2,3} \xi_{1,1}^3 \xi_{2,2}^4 \xi_{2,3} \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{9684 \eta_{2,3} \eta_{2,3} \xi_{1,1}^2 \xi_{2,2}^5 \xi_{2,3} \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{8748 \eta_{1,3} \eta_{2,3} \xi_{1,1}^2 \xi_{2,2}^5 \xi_{2,3} \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{612 \eta_{2,3} \eta_{2,3} \xi_{1,1}^2 \xi_{2,2}^5 \xi_{2,3} \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{3868 \eta_{2,3} \eta_{2,3} \xi_{1,1} \xi_{2,2}^6 \xi_{2,3} \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{1252 \eta_{1,3} \eta_{2,3} \xi_{1,1} \xi_{2,2}^6 \xi_{2,3} \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{348 \eta_{2,3} \eta_{2,3} \xi_{1,1} \xi_{2,2}^6 \xi_{2,3} \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{260 \eta_{2,3} \eta_{2,3} \xi_{1,1}^7 \xi_{2,2} \xi_{2,3} \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{4 \eta_{1,3} \eta_{2,3} \xi_{1,1}^7 \xi_{2,2} \xi_{2,3} \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{36 \eta_{2,3} \eta_{2,3} \xi_{1,1}^7 \xi_{2,2} \xi_{2,3} \xi_{3,3}^7}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{49388 \eta_{1,3} \eta_{2,2} \xi_{1,1}^6 \xi_{1,2} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{5920 \eta_{1,2} \eta_{2,3} \xi_{1,1}^6 \xi_{1,2} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{96 \eta_{2,2} \eta_{2,3} \xi_{1,1}^6 \xi_{1,2} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{148\,164 \eta_{1,3} \eta_{2,2} \xi_{1,1}^5 \xi_{1,2} \xi_{2,2} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{11\,616 \eta_{1,2} \eta_{2,3} \xi_{1,1}^5 \xi_{1,2} \xi_{2,2} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{2592 \eta_{2,2} \eta_{2,3} \xi_{1,1}^5 \xi_{1,2} \xi_{2,2} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{50\,700 \eta_{1,3} \eta_{2,2} \xi_{1,1}^4 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{1920 \eta_{1,2} \eta_{2,3} \xi_{1,1}^4 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{2880 \eta_{2,2} \eta_{2,3} \xi_{1,1}^4 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{53\,320 \eta_{1,3} \eta_{2,2} \xi_{1,1}^3 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{16\,000 \eta_{1,2} \eta_{2,3} \xi_{1,1}^3 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{5760 \eta_{2,2} \eta_{2,3} \xi_{1,1}^3 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{6540 \eta_{1,3} \eta_{2,2} \xi_{1,1}^2 \xi_{1,2} \xi_{2,2}^4 \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{9120 \eta_{1,2} \eta_{2,3} \xi_{1,1}^2 \xi_{1,2} \xi_{2,2}^4 \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{7200 \eta_{2,2} \eta_{2,3} \xi_{1,1}^2 \xi_{1,2} \xi_{2,2}^4 \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{3876 \eta_{1,3} \eta_{2,2} \xi_{1,1} \xi_{1,2} \xi_{2,2}^5 \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{480 \eta_{1,2} \eta_{2,3} \xi_{1,1} \xi_{1,2} \xi_{2,2}^5 \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{864 \eta_{2,2} \eta_{2,3} \xi_{1,1} \xi_{1,2} \xi_{2,2}^5 \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{76 \eta_{1,3} \eta_{2,2} \xi_{1,2} \xi_{2,2}^6 \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{256 \eta_{1,2} \eta_{2,3} \xi_{1,2} \xi_{2,2}^6 \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{2112 \eta_{2,2} \eta_{2,3} \xi_{1,2} \xi_{2,2}^6 \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{5920 \eta_{2,3} \eta_{2,3} \xi_{1,1} \xi_{2,3} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{15872 \eta_{1,3} \eta_{2,3} \xi_{1,1} \xi_{2,3} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{312 \eta_{2,3} \eta_{2,3} \xi_{1,1} \xi_{2,3} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{11616 \eta_{2,3} \eta_{2,3} \xi_{1,1} \xi_{2,2} \xi_{2,3} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{52320 \eta_{1,3} \eta_{2,3} \xi_{1,1} \xi_{2,2} \xi_{2,3} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{432 \eta_{2,3} \eta_{2,3} \xi_{1,1} \xi_{2,2} \xi_{2,3} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{1920 \eta_{2,3} \eta_{2,3} \xi_{1,1} \xi_{2,2}^2 \xi_{2,3} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{60960 \eta_{1,3} \eta_{2,3} \xi_{1,1} \xi_{2,2}^2 \xi_{2,3} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{720 \eta_{2,3} \eta_{2,3} \xi_{1,1} \xi_{2,2}^2 \xi_{2,3} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{16000 \eta_{2,3} \eta_{2,3} \xi_{1,1}^3 \xi_{2,2}^3 \xi_{2,3} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{27520 \eta_{1,3} \eta_{2,3} \xi_{1,1}^3 \xi_{2,2}^3 \xi_{2,3} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{1620 \eta_{2,3} \eta_{2,3} \xi_{1,1}^3 \xi_{2,2}^3 \xi_{2,3} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{9120 \eta_{2,3} \eta_{2,3} \xi_{1,1}^2 \xi_{2,2}^4 \xi_{2,3} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{1920 \eta_{1,3} \eta_{2,3} \xi_{1,1}^2 \xi_{2,2}^4 \xi_{2,3} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{900 \eta_{2,3} \eta_{2,2,3} \xi_{1,1}^2 \xi_{2,2}^4 \xi_{1,2,3} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{480 \eta_{2,3} \eta_{2,1,3} \xi_{1,1} \xi_{2,2}^5 \xi_{1,2,3} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{1248 \eta_{1,3} \eta_{2,2,3} \xi_{1,1} \xi_{2,2}^5 \xi_{1,2,3} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{108 \eta_{2,3} \eta_{2,2,3} \xi_{1,1} \xi_{2,2}^5 \xi_{1,2,3} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{256 \eta_{2,3} \eta_{2,1,3} \xi_{2,2}^6 \xi_{1,2,3} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{160 \eta_{1,3} \eta_{2,2,3} \xi_{2,2}^6 \xi_{1,2,3} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{12 \eta_{2,3} \eta_{2,2,3} \xi_{2,2}^6 \xi_{1,2,3} \xi_{3,3}^8}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{49388 \eta_{1,3} \eta_{2,1,2} \xi_{1,1}^5 \xi_{1,2} \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{2656 \eta_{1,2} \eta_{2,1,3} \xi_{1,1}^5 \xi_{1,2} \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{352 \eta_{2,1,2} \eta_{2,1,3} \xi_{1,1}^5 \xi_{1,2} \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{93580 \eta_{1,3} \eta_{2,1,2} \xi_{1,1}^4 \xi_{1,2} \xi_{2,2} \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{6880 \eta_{1,2} \eta_{2,1,3} \xi_{1,1}^4 \xi_{1,2} \xi_{2,2} \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{800 \eta_{2,1,2} \eta_{2,1,3} \xi_{1,1}^4 \xi_{1,2} \xi_{2,2} \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{4760 \eta_{1,3} \eta_{2,1,2} \xi_{1,1}^3 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{4480 \eta_{1,2} \eta_{2,1,3} \xi_{1,1}^3 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{3200 \eta_{2,1,2} \eta_{2,1,3} \xi_{1,1}^3 \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{20680 \eta_{1,3} \eta_{2,1,2} \xi_{1,1}^2 \xi_{1,2} \xi_{2,2}^3 \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} -
 \end{aligned}$$

$$\begin{aligned}
 & \frac{1280 \eta_{1,2} \eta_{2,3} \xi_{1,1}^2 \xi_{1,2} \xi_{2,2}^3 \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{1280 \eta_{2,2} \eta_{2,3} \xi_{1,1}^2 \xi_{1,2} \xi_{2,2}^3 \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{700 \eta_{1,3} \eta_{2,2} \xi_{1,1} \xi_{1,2} \xi_{2,2}^4 \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{1760 \eta_{1,2} \eta_{2,3} \xi_{1,1} \xi_{1,2} \xi_{2,2}^4 \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{2080 \eta_{2,2} \eta_{2,3} \xi_{1,1} \xi_{1,2} \xi_{2,2}^4 \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{380 \eta_{1,3} \eta_{2,2} \xi_{1,2} \xi_{2,2}^5 \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{224 \eta_{1,2} \eta_{2,3} \xi_{1,2} \xi_{2,2}^5 \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{1312 \eta_{2,2} \eta_{2,3} \xi_{1,2} \xi_{2,2}^5 \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{2656 \eta_{2,3} \eta_{2,3} \xi_{1,1}^5 \xi_{2,3} \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{4768 \eta_{1,3} \eta_{2,3} \xi_{1,1}^5 \xi_{2,3} \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{160 \eta_{2,3} \eta_{2,3} \xi_{1,1}^5 \xi_{2,3} \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{6880 \eta_{2,3} \eta_{2,3} \xi_{1,1}^4 \xi_{2,2} \xi_{2,3} \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{15520 \eta_{1,3} \eta_{2,3} \xi_{1,1}^4 \xi_{2,2} \xi_{2,3} \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{400 \eta_{2,3} \eta_{2,3} \xi_{1,1}^4 \xi_{2,2} \xi_{2,3} \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{4480 \eta_{2,3} \eta_{2,3} \xi_{1,1}^3 \xi_{2,2}^2 \xi_{2,3} \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{17920 \eta_{1,3} \eta_{2,3} \xi_{1,1}^3 \xi_{2,2}^2 \xi_{2,3} \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{220 \eta_{2,3} \eta_{2,3} \xi_{1,1}^3 \xi_{2,2}^2 \xi_{2,3} \xi_{3,3}^9}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} -
 \end{aligned}$$





$$\begin{aligned}
 & \frac{1216 \eta_{1,3} \eta_{2,3} \xi_{1,1} \xi_{2,2}^3 \xi_{1,2,3} \xi_{3,3}^{10}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{28 \eta_{2,3} \eta_{2,3} \xi_{1,1} \xi_{2,2}^3 \xi_{1,2,3} \xi_{3,3}^{10}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{64 \eta_{2,3} \eta_{2,3} \xi_{1,2}^4 \xi_{1,2,3} \xi_{3,3}^{10}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{128 \eta_{1,3} \eta_{2,3} \xi_{1,2,2}^4 \xi_{1,2,3} \xi_{3,3}^{10}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{4 \eta_{2,3} \eta_{2,3} \xi_{1,2,2}^4 \xi_{1,2,3} \xi_{3,3}^{10}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{15872 \eta_{1,3} \eta_{2,2} \xi_{1,1}^3 \xi_{1,2} \xi_{3,3}^{11}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{64 \eta_{1,2} \eta_{2,3} \xi_{1,1}^3 \xi_{1,2} \xi_{3,3}^{11}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{64 \eta_{2,2} \eta_{2,3} \xi_{1,1}^3 \xi_{1,2} \xi_{3,3}^{11}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{9600 \eta_{1,3} \eta_{2,2} \xi_{1,1}^2 \xi_{1,2} \xi_{2,2} \xi_{3,3}^{11}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{192 \eta_{1,2} \eta_{2,3} \xi_{1,1}^2 \xi_{1,2} \xi_{2,2} \xi_{3,3}^{11}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{192 \eta_{2,2} \eta_{2,3} \xi_{1,1}^2 \xi_{1,2} \xi_{2,2} \xi_{3,3}^{11}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{1920 \eta_{1,3} \eta_{2,2} \xi_{1,1} \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^{11}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{192 \eta_{1,2} \eta_{2,3} \xi_{1,1} \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^{11}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{192 \eta_{2,2} \eta_{2,3} \xi_{1,1} \xi_{1,2} \xi_{2,2}^2 \xi_{3,3}^{11}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} - \\
 & \frac{256 \eta_{1,3} \eta_{2,2} \xi_{1,2} \xi_{2,2}^3 \xi_{3,3}^{11}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{64 \eta_{1,2} \eta_{2,3} \xi_{1,2} \xi_{2,2}^3 \xi_{3,3}^{11}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{64 \eta_{2,2} \eta_{2,3} \xi_{1,2} \xi_{2,2}^3 \xi_{3,3}^{11}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} -
 \end{aligned}$$



$$\begin{aligned}
 & \frac{64 \eta_{1,3} \eta_{2,2} \xi_{1,2} \xi_{3,3}^{14}}{(\xi_{1,1} - \xi_{2,2})^3 (\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^4 (\xi_{1,1} - \xi_{3,3})^3 (2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^4 (\xi_{2,2} - \xi_{3,3})^3} + \\
 & \frac{2 e^{-\lambda \xi_{1,1} + \lambda \xi_{3,3}} \lambda^2 \eta_{1,2} \eta_{2,3} \xi_{1,2}}{-\xi_{1,1} + \xi_{3,3}} + \frac{e^{-\lambda \xi_{1,1} + \lambda \xi_{3,3}} \lambda^3 \eta_{1,2} \eta_{2,3} \xi_{1,1} \xi_{1,2}}{-\xi_{1,1} + \xi_{3,3}} + \\
 & \frac{2 e^{-\lambda \xi_{1,1} + \lambda \xi_{3,3}} \lambda^2 \eta_{2,3} \eta_{2,3} \xi_{2,3}}{-\xi_{1,1} + \xi_{3,3}} + \frac{4 e^{-\lambda \xi_{1,1} + \lambda \xi_{3,3}} \lambda \eta_{1,2} \eta_{2,3} \xi_{1,2}}{(\xi_{1,1} - \xi_{3,3}) (-\xi_{1,1} + \xi_{3,3})} + \\
 & \frac{4 e^{-\lambda \xi_{1,1} + \lambda \xi_{3,3}} \lambda \eta_{2,3} \eta_{2,3} \xi_{2,3}}{(\xi_{1,1} - \xi_{3,3}) (-\xi_{1,1} + \xi_{3,3})} - \frac{e^{-\lambda \xi_{1,1} + \lambda \xi_{3,3}} \lambda^3 \eta_{1,2} \eta_{2,3} \xi_{1,2} \xi_{3,3}}{-\xi_{1,1} + \xi_{3,3}} - \\
 & \frac{e^{-\lambda \xi_{2,2} + \lambda \xi_{3,3}} \lambda^2 \eta_{1,2} \eta_{2,3} \xi_{2,2}}{-\xi_{2,2} + \xi_{3,3}} - \frac{2 e^{-\lambda \xi_{2,2} + \lambda \xi_{3,3}} \lambda^2 \eta_{1,3} \eta_{2,3} \xi_{2,3}}{-\xi_{2,2} + \xi_{3,3}} - \\
 & \frac{4 e^{-\lambda \xi_{2,2} + \lambda \xi_{3,3}} \lambda \eta_{1,3} \eta_{2,3} \xi_{2,3}}{(\xi_{2,2} - \xi_{3,3}) (-\xi_{2,2} + \xi_{3,3})} + \frac{e^{-\lambda \xi_{2,2} + \lambda \xi_{3,3}} \lambda^2 \eta_{1,2} \eta_{2,3} \xi_{3,3}}{-\xi_{2,2} + \xi_{3,3}} + \\
 & \frac{2 e^{-2 \lambda \xi_{1,1} + \lambda \xi_{2,2} + \lambda \xi_{3,3}} \lambda^3 \eta_{2,2} \eta_{2,3} \xi_{1,1} \xi_{1,2}}{-2 \xi_{1,1} + \xi_{2,2} + \xi_{3,3}} - \\
 & \frac{4 e^{-2 \lambda \xi_{1,1} + \lambda \xi_{2,2} + \lambda \xi_{3,3}} \lambda \eta_{2,2} \eta_{2,3} \xi_{1,1} \xi_{1,2}}{(2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^2 (-2 \xi_{1,1} + \xi_{2,2} + \xi_{3,3})} + \\
 & \frac{8 e^{-2 \lambda \xi_{1,1} + \lambda \xi_{2,2} + \lambda \xi_{3,3}} \lambda \eta_{2,2} \eta_{2,3} \xi_{1,2} \xi_{2,2}}{(2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^2 (-2 \xi_{1,1} + \xi_{2,2} + \xi_{3,3})} - \\
 & \frac{2 e^{-2 \lambda \xi_{1,1} + \lambda \xi_{2,2} + \lambda \xi_{3,3}} \lambda^2 \eta_{2,2} \eta_{2,3} \xi_{1,1} \xi_{1,2}}{(2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3}) (-2 \xi_{1,1} + \xi_{2,2} + \xi_{3,3})} + \\
 & \frac{4 e^{-2 \lambda \xi_{1,1} + \lambda \xi_{2,2} + \lambda \xi_{3,3}} \lambda^2 \eta_{2,2} \eta_{2,3} \xi_{1,2} \xi_{2,2}}{(2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3}) (-2 \xi_{1,1} + \xi_{2,2} + \xi_{3,3})} - \frac{2 e^{-2 \lambda \xi_{1,1} + \lambda \xi_{2,2} + \lambda \xi_{3,3}} \lambda^3 \eta_{2,2} \eta_{2,3} \xi_{1,2} \xi_{3,3}}{-2 \xi_{1,1} + \xi_{2,2} + \xi_{3,3}} - \\
 & \frac{4 e^{-2 \lambda \xi_{1,1} + \lambda \xi_{2,2} + \lambda \xi_{3,3}} \lambda \eta_{2,2} \eta_{2,3} \xi_{1,2} \xi_{3,3}}{(2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3})^2 (-2 \xi_{1,1} + \xi_{2,2} + \xi_{3,3})} - \\
 & \frac{2 e^{-2 \lambda \xi_{1,1} + \lambda \xi_{2,2} + \lambda \xi_{3,3}} \lambda^2 \eta_{2,2} \eta_{2,3} \xi_{1,2} \xi_{3,3}}{(2 \xi_{1,1} - \xi_{2,2} - \xi_{3,3}) (-2 \xi_{1,1} + \xi_{2,2} + \xi_{3,3})} + \frac{e^{-\lambda \xi_{1,1} - \lambda \xi_{2,2} + 2 \lambda \xi_{3,3}} \lambda^3 \eta_{2,3} \eta_{2,3} \xi_{1,1} \xi_{2,3}}{-\xi_{1,1} - \xi_{2,2} + 2 \xi_{3,3}} - \\
 & \frac{e^{-\lambda \xi_{1,1} - \lambda \xi_{2,2} + 2 \lambda \xi_{3,3}} \lambda^3 \eta_{2,3} \eta_{2,3} \xi_{1,2} \xi_{2,3}}{-\xi_{1,1} - \xi_{2,2} + 2 \xi_{3,3}} + \frac{4 e^{-\lambda \xi_{1,1} - \lambda \xi_{2,2} + 2 \lambda \xi_{3,3}} \lambda \eta_{2,3} \eta_{2,3} \xi_{1,1} \xi_{2,3}}{(\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^2 (-\xi_{1,1} - \xi_{2,2} + 2 \xi_{3,3})} - \\
 & \frac{8 e^{-\lambda \xi_{1,1} - \lambda \xi_{2,2} + 2 \lambda \xi_{3,3}} \lambda \eta_{2,3} \eta_{2,3} \xi_{1,2} \xi_{2,3}}{(\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^2 (-\xi_{1,1} - \xi_{2,2} + 2 \xi_{3,3})} + \\
 & \frac{2 e^{-\lambda \xi_{1,1} - \lambda \xi_{2,2} + 2 \lambda \xi_{3,3}} \lambda^2 \eta_{2,3} \eta_{2,3} \xi_{1,1} \xi_{2,3}}{(\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3}) (-\xi_{1,1} - \xi_{2,2} + 2 \xi_{3,3})} - \\
 & \frac{4 e^{-\lambda \xi_{1,1} - \lambda \xi_{2,2} + 2 \lambda \xi_{3,3}} \lambda^2 \eta_{2,3} \eta_{2,3} \xi_{1,2} \xi_{2,3}}{(\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3}) (-\xi_{1,1} - \xi_{2,2} + 2 \xi_{3,3})} + \\
 & \frac{(\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3}) (-\xi_{1,1} - \xi_{2,2} + 2 \xi_{3,3})}{(\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3}) (-\xi_{1,1} - \xi_{2,2} + 2 \xi_{3,3})}
 \end{aligned}$$

$$\left. \begin{aligned} & \frac{4 e^{-\lambda \xi_{1,1} - \lambda \xi_{2,2} + 2 \lambda \xi_{3,3}} \lambda \eta_{1,3} \eta_{2,3} \xi_{1,2,3} \xi_{1,3,3}}{(\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3})^2 (-\xi_{1,1} - \xi_{2,2} + 2 \xi_{3,3})} + \\ & \frac{2 e^{-\lambda \xi_{1,1} - \lambda \xi_{2,2} + 2 \lambda \xi_{3,3}} \lambda^2 \eta_{1,3} \eta_{2,3} \xi_{1,2,3} \xi_{1,3,3}}{(\xi_{1,1} + \xi_{2,2} - 2 \xi_{3,3}) (-\xi_{1,1} - \xi_{2,2} + 2 \xi_{3,3})} \end{aligned} \right]$$

Out[ ] =

