

$$\begin{aligned}
& \{ \mathbf{g}_{1,2}[\lambda] \rightarrow -e^{-\xi_{11,1}+2\xi_{12,2}} \lambda^3 \eta_{1,2}^2 \xi_{11,2} - e^{-\xi_{11,1}+\xi_{12,2}+\xi_{13,3}} \lambda^3 \eta_{1,2} \eta_{1,3} \xi_{11,3} - e^{-\xi_{11,1}+\xi_{12,2}+\xi_{14,4}} \lambda^3 \eta_{1,2} \eta_{1,4} \xi_{11,4} - \\
& 2 e^{-\xi_{11,1}+2\xi_{12,2}+\xi_{13,3}} \lambda^4 \eta_{1,2} \eta_{1,3} \xi_{11,2} \xi_{12,3} - e^{-\xi_{11,1}+\xi_{12,2}+2\xi_{13,3}} \lambda^4 \eta_{1,3}^2 \xi_{11,3} \xi_{12,3} - \\
& e^{-\xi_{11,1}+\xi_{12,2}+\xi_{13,3}+\xi_{14,4}} \lambda^4 \eta_{1,3} \eta_{1,4} \xi_{11,4} \xi_{12,3} - e^{-\xi_{11,1}+2\xi_{12,2}+2\xi_{13,3}} \lambda^5 \eta_{1,3}^2 \xi_{11,2} \xi_{12,3}^2 - \\
& 2 e^{-\xi_{11,1}+2\xi_{12,2}+\xi_{14,4}} \lambda^4 \eta_{1,2} \eta_{1,4} \xi_{11,2} \xi_{12,4} - e^{-\xi_{11,1}+\xi_{12,2}+\xi_{13,3}+\xi_{14,4}} \lambda^4 \eta_{1,3} \eta_{1,4} \xi_{11,3} \xi_{12,4} - \\
& e^{-\xi_{11,1}+\xi_{12,2}+2\xi_{14,4}} \lambda^4 \eta_{1,4}^2 \xi_{11,4} \xi_{12,4} - 2 e^{-\xi_{11,1}+2\xi_{12,2}+\xi_{13,3}+\xi_{14,4}} \lambda^5 \eta_{1,3} \eta_{1,4} \xi_{11,2} \xi_{12,3} \xi_{12,4} - \\
& e^{-\xi_{11,1}+2\xi_{12,2}+2\xi_{14,4}} \lambda^5 \eta_{1,4}^2 \xi_{11,2} \xi_{12,4}^2 - e^{-\xi_{11,1}+\xi_{12,2}+\xi_{13,3}+\xi_{14,4}} \lambda^4 \eta_{1,2} \eta_{1,4} \xi_{11,3} \xi_{13,4} - \\
& 2 e^{-\xi_{11,1}+2\xi_{12,2}+\xi_{13,3}+\xi_{14,4}} \lambda^5 \eta_{1,2} \eta_{1,4} \xi_{11,2} \xi_{12,3} \xi_{13,4} - 2 e^{-\xi_{11,1}+\xi_{12,2}+2\xi_{13,3}+\xi_{14,4}} \lambda^5 \eta_{1,3} \eta_{1,4} \xi_{11,3} \xi_{12,3} \xi_{13,4} - \\
& e^{-\xi_{11,1}+\xi_{12,2}+\xi_{13,3}+2\xi_{14,4}} \lambda^5 \eta_{1,4}^2 \xi_{11,4} \xi_{12,3} \xi_{13,4} - 2 e^{-\xi_{11,1}+2\xi_{12,2}+\xi_{13,3}+\xi_{14,4}} \lambda^6 \eta_{1,3} \eta_{1,4} \xi_{11,2} \xi_{12,3}^2 \xi_{13,4} - \\
& e^{-\xi_{11,1}+\xi_{12,2}+\xi_{13,3}+2\xi_{14,4}} \lambda^5 \eta_{1,4}^2 \xi_{11,3} \xi_{12,4} \xi_{13,4} - 2 e^{-\xi_{11,1}+2\xi_{12,2}+\xi_{13,3}+2\xi_{14,4}} \lambda^6 \eta_{1,4}^2 \xi_{11,2} \xi_{12,3} \xi_{12,4} \xi_{13,4} - \\
& e^{-\xi_{11,1}+\xi_{12,2}+2\xi_{13,3}+2\xi_{14,4}} \lambda^6 \eta_{1,4}^2 \xi_{11,3} \xi_{12,3} \xi_{13,4}^2 - e^{-\xi_{11,1}+2\xi_{12,2}+2\xi_{13,3}+2\xi_{14,4}} \lambda^7 \eta_{1,4}^2 \xi_{11,2} \xi_{12,3}^2 \xi_{13,4}^2 \}
\end{aligned}$$