

$$\begin{aligned}
\{ \mathbf{g}_{1,4}[\lambda] \rightarrow & e^{-\xi \mathbf{1}_{1,1} + \xi \mathbf{1}_{2,2}} \lambda^2 \eta \mathbf{1}_{2,4} \eta \mathbf{2}_{1,2} + e^{-\xi \mathbf{1}_{1,1} + \xi \mathbf{1}_{3,3}} \lambda^2 \eta \mathbf{1}_{3,4} \eta \mathbf{2}_{1,3} - e^{-\xi \mathbf{1}_{1,1} + \xi \mathbf{1}_{2,2} + \xi \mathbf{1}_{4,4}} \lambda^3 \eta \mathbf{2}_{1,2} \eta \mathbf{2}_{1,4} \xi \mathbf{1}_{1,2} - \\
& e^{-\xi \mathbf{1}_{1,1} + \xi \mathbf{1}_{3,3} + \xi \mathbf{1}_{4,4}} \lambda^3 \eta \mathbf{2}_{1,3} \eta \mathbf{2}_{1,4} \xi \mathbf{1}_{1,3} - e^{-\xi \mathbf{1}_{1,1} + 2 \xi \mathbf{1}_{4,4}} \lambda^3 \eta \mathbf{2}_{1,4}^2 \xi \mathbf{1}_{1,4} + e^{-\xi \mathbf{1}_{1,1} + \xi \mathbf{1}_{2,2} + \xi \mathbf{1}_{3,3}} \lambda^3 \eta \mathbf{1}_{2,4} \eta \mathbf{2}_{1,3} \xi \mathbf{1}_{2,3} - \\
& e^{-\xi \mathbf{1}_{1,1} + \xi \mathbf{1}_{2,2} + \xi \mathbf{1}_{3,3} + \xi \mathbf{1}_{4,4}} \lambda^4 \eta \mathbf{2}_{1,3} \eta \mathbf{2}_{1,4} \xi \mathbf{1}_{1,2} \xi \mathbf{1}_{2,3} + e^{-\xi \mathbf{1}_{1,1} + \xi \mathbf{1}_{2,2} + \xi \mathbf{1}_{4,4}} \lambda^3 \eta \mathbf{1}_{2,4} \eta \mathbf{2}_{1,4} \xi \mathbf{1}_{2,4} - \\
& e^{-\xi \mathbf{1}_{1,1} + \xi \mathbf{1}_{2,2} + 2 \xi \mathbf{1}_{4,4}} \lambda^4 \eta \mathbf{2}_{1,4}^2 \xi \mathbf{1}_{1,2} \xi \mathbf{1}_{2,4} + e^{-\xi \mathbf{1}_{1,1} + \xi \mathbf{1}_{3,3} + \xi \mathbf{1}_{4,4}} \lambda^3 \eta \mathbf{1}_{3,4} \eta \mathbf{2}_{1,4} \xi \mathbf{1}_{3,4} - e^{-\xi \mathbf{1}_{1,1} + \xi \mathbf{1}_{3,3} + 2 \xi \mathbf{1}_{4,4}} \lambda^4 \eta \mathbf{2}_{1,4}^2 \xi \mathbf{1}_{1,3} \xi \mathbf{1}_{3,4} + \\
& e^{-\xi \mathbf{1}_{1,1} + \xi \mathbf{1}_{2,2} + \xi \mathbf{1}_{3,3} + \xi \mathbf{1}_{4,4}} \lambda^4 \eta \mathbf{1}_{2,4} \eta \mathbf{2}_{1,4} \xi \mathbf{1}_{2,3} \xi \mathbf{1}_{3,4} - e^{-\xi \mathbf{1}_{1,1} + \xi \mathbf{1}_{2,2} + \xi \mathbf{1}_{3,3} + 2 \xi \mathbf{1}_{4,4}} \lambda^5 \eta \mathbf{2}_{1,4}^2 \xi \mathbf{1}_{1,2} \xi \mathbf{1}_{2,3} \xi \mathbf{1}_{3,4} \}
\end{aligned}$$