

$$\begin{aligned}
& \frac{1/2i[34]^3\langle 2|1+6|5\rangle^3\langle 3|4+5|3\rangle\langle 6|1+2|3\rangle^3}{\langle 12\rangle\langle 16\rangle[35]^4[45]\langle 2|1+6|3\rangle^4s_{345}} + \\
& \frac{-2i[34]^3\langle 2|1+6|5\rangle^2\langle 3|4+5|3\rangle\langle 6|1+2|3\rangle^2\langle 6|1+2|5\rangle}{\langle 12\rangle\langle 16\rangle[35]^4[45]\langle 2|1+6|3\rangle^3s_{345}} + \\
& \frac{3i[34]^3\langle 2|1+6|5\rangle\langle 3|4+5|3\rangle\langle 6|1+2|3\rangle\langle 6|1+2|5\rangle^2}{\langle 12\rangle\langle 16\rangle[35]^4[45]\langle 2|1+6|3\rangle^2s_{345}} + \\
& \frac{-2i[34]^3\langle 3|4+5|3\rangle\langle 6|1+2|5\rangle^3}{\langle 12\rangle\langle 16\rangle[35]^4[45]\langle 2|1+6|3\rangle s_{345}}
\end{aligned}$$