

$$\begin{aligned}
& \frac{-1/3i[24][12]^2\langle 26 \rangle \langle 16 \rangle \langle 2|1+6|4|^3}{\langle 12 \rangle [34][45] \langle 2|1+6|5 \rangle \langle 2|1+6|3 \rangle \langle 2|1+6|2 \rangle^3} + \\
& \frac{-1/2i\langle 26 \rangle^2 \langle 16 \rangle [16][12][24] \langle 2|1+6|4|^2}{\langle 12 \rangle [45] \langle 2|1+6|5 \rangle \langle 2|1+6|3 \rangle^2 \langle 2|1+6|2 \rangle^2} + \\
& \frac{5/6i[12][24]\langle 26 \rangle \langle 2|1+6|4|^2 \langle 6|1+2|4|}{\langle 12 \rangle [34][45] \langle 2|1+6|5 \rangle \langle 2|1+6|3 \rangle \langle 2|1+6|2 \rangle^2} + \\
& \frac{-1i[24][34]\langle 16 \rangle [16]^2 \langle 26 \rangle^3 \langle 2|1+6|4|}{\langle 12 \rangle [45] \langle 2|1+6|5 \rangle \langle 2|1+6|3 \rangle^3 \langle 2|1+6|2 \rangle} + \\
& \frac{2i[16][24]\langle 26 \rangle^2 \langle 2|1+6|4| \langle 6|1+2|4|}{\langle 12 \rangle [45] \langle 2|1+6|5 \rangle \langle 2|1+6|3 \rangle^2 \langle 2|1+6|2 \rangle} + \\
& \frac{-1/2i[12][14]\langle 16 \rangle \langle 26 \rangle \langle 2|1+6|4|^2}{\langle 12 \rangle [45] \langle 2|1+6|5 \rangle \langle 2|1+6|3 \rangle^2 \langle 2|1+6|2 \rangle} + \\
& \frac{11/6i[24]\langle 26 \rangle \langle 2|3+5|4| \langle 6|1+2|4|^2}{\langle 12 \rangle \langle 16 \rangle [34][45] \langle 2|1+6|5 \rangle \langle 2|1+6|3 \rangle \langle 2|1+6|2 \rangle} + \\
& \frac{-1/3i\langle 35 \rangle^2 [34][45] \langle 56 \rangle \langle 6|1+2|5|^2}{\langle 12 \rangle \langle 16 \rangle [35] \langle 2|1+6|5 \rangle \langle 5|3+4|5 \rangle^3} + \\
& \frac{1/2i\langle 35 \rangle [34][45] \langle 56 \rangle \langle 6|1+2|5|^2}{\langle 12 \rangle \langle 16 \rangle [35]^2 \langle 2|1+6|5 \rangle \langle 5|3+4|5 \rangle^2} + \\
& \frac{-7/6i\langle 35 \rangle [45] \langle 56 \rangle \langle 6|1+2|5 \rangle \langle 6|1+2|4|}{\langle 12 \rangle \langle 16 \rangle [35] \langle 2|1+6|5 \rangle \langle 5|3+4|5 \rangle^2} + \\
& \frac{-1i[34][45] \langle 56 \rangle \langle 6|1+2|5|^2}{\langle 12 \rangle \langle 16 \rangle [35]^3 \langle 2|1+6|5 \rangle \langle 5|3+4|5 \rangle} + \\
& \frac{5/2i[45] \langle 56 \rangle \langle 6|1+2|5 \rangle \langle 6|1+2|4|}{\langle 12 \rangle \langle 16 \rangle [35]^2 \langle 2|1+6|5 \rangle \langle 5|3+4|5 \rangle} + \\
& \frac{-11/6i[45] \langle 56 \rangle \langle 6|1+2|4|^2}{\langle 12 \rangle \langle 16 \rangle [34][35] \langle 2|1+6|5 \rangle \langle 5|3+4|5 \rangle} + \\
& \frac{-1i[34] \langle 36 \rangle s_{345} \langle 25 \rangle^2 \langle 6|1+2|3|^2}{\langle 12 \rangle \langle 16 \rangle [35] \langle 45 \rangle \langle 2|1+6|3 \rangle^3 \langle 3|4+5|3 \rangle} + \\
& \frac{\langle 26 \rangle^2 [34]^2 (1i[14] \langle 16 \rangle \langle 13 \rangle [13] \dots \langle 7 \text{ terms} \rangle \dots + 1i[23] \langle 26 \rangle [46] \langle 36 \rangle)}{\langle 12 \rangle \langle 16 \rangle [35][45] \langle 2|1+6|3 \rangle^3} + \\
& \frac{-1/2i\langle 25 \rangle [34]^2 \langle 36 \rangle^2 s_{345} \langle 6|1+2|3|}{\langle 12 \rangle \langle 16 \rangle [35] \langle 2|1+6|3 \rangle^2 \langle 3|4+5|3 \rangle^2} + \\
& \frac{-1i[34] \langle 36 \rangle \langle 25 \rangle s_{345} \langle 6|1+2|3|^2}{\langle 12 \rangle \langle 16 \rangle [35]^2 \langle 45 \rangle \langle 2|1+6|3 \rangle^2 \langle 3|4+5|3 \rangle} + \\
& \frac{1i[34] \langle 36 \rangle s_{345} \langle 25 \rangle \langle 56 \rangle \langle 6|1+2|3|}{\langle 12 \rangle \langle 16 \rangle [35] \langle 45 \rangle \langle 2|1+6|3 \rangle^2 \langle 3|4+5|3 \rangle} + \\
& \frac{-5/2i[34] \langle 36 \rangle \langle 25 \rangle \langle 35 \rangle \langle 6|1+2|3|^2}{\langle 12 \rangle \langle 16 \rangle [35] \langle 45 \rangle \langle 2|1+6|3 \rangle^2 \langle 3|4+5|3 \rangle} + \\
& \frac{\langle 26 \rangle [34] (-1/2i[14]^2 \langle 12 \rangle [15] \langle 16 \rangle^2 \dots \langle 13 \text{ terms} \rangle \dots - 3/2i[24] \langle 26 \rangle^2 [46] \langle 46 \rangle [45])}{\langle 12 \rangle \langle 16 \rangle [35][45] \langle 2|1+6|3 \rangle^2 \langle 2|1+6|5 \rangle} + \\
& \frac{-1/3i[34]^3 \langle 36 \rangle^3 \langle 45 \rangle s_{345}}{\langle 12 \rangle \langle 16 \rangle [35] \langle 2|1+6|3 \rangle \langle 3|4+5|3 \rangle^3} + \\
& \frac{-1/2i[34]^2 \langle 36 \rangle^2 \langle 6|1+2|3 \rangle s_{345}}{\langle 12 \rangle \langle 16 \rangle [35]^2 \langle 2|1+6|3 \rangle \langle 3|4+5|3 \rangle^2} + \\
& \frac{1i[34]^2 \langle 36 \rangle^2 \langle 56 \rangle s_{345}}{\langle 12 \rangle \langle 16 \rangle [35] \langle 2|1+6|3 \rangle \langle 3|4+5|3 \rangle^2} + \\
& \frac{-7/6i[34]^2 \langle 36 \rangle^2 \langle 35 \rangle \langle 6|1+2|3|}{\langle 12 \rangle \langle 16 \rangle [35] \langle 2|1+6|3 \rangle \langle 3|4+5|3 \rangle^2} + \\
& \frac{-1i[34] \langle 36 \rangle \langle 6|1+2|3|^2 s_{345}}{\langle 12 \rangle \langle 16 \rangle [35]^3 \langle 45 \rangle \langle 2|1+6|3 \rangle \langle 3|4+5|3 \rangle} + \\
& \frac{-2i[34] \langle 36 \rangle \langle 35 \rangle \langle 6|1+2|3|^2}{\langle 12 \rangle \langle 16 \rangle [35]^2 \langle 45 \rangle \langle 2|1+6|3 \rangle \langle 3|4+5|3 \rangle} + \\
& \frac{1i[34] \langle 36 \rangle \langle 56 \rangle s_{345} \langle 6|1+2|3|}{\langle 12 \rangle \langle 16 \rangle [35]^2 \langle 45 \rangle \langle 2|1+6|3 \rangle \langle 3|4+5|3 \rangle} + \\
& \frac{-11/6i[34] \langle 36 \rangle \langle 35 \rangle^2 \langle 6|1+2|3|^2}{\langle 12 \rangle \langle 16 \rangle [35] \langle 45 \rangle \langle 2|1+6|3 \rangle \langle 3|4+5|3 \rangle s_{345}} + \\
& \frac{-1i[34] \langle 36 \rangle \langle 56 \rangle^2 s_{345}}{\langle 12 \rangle \langle 16 \rangle [35] \langle 45 \rangle \langle 2|1+6|3 \rangle \langle 3|4+5|3 \rangle} + \\
& \frac{7/3i[34] \langle 36 \rangle \langle 35 \rangle \langle 56 \rangle \langle 6|1+2|3|}{\langle 12 \rangle \langle 16 \rangle [35] \langle 45 \rangle \langle 2|1+6|3 \rangle \langle 3|4+5|3 \rangle} + \\
& \frac{1i\langle 36 \rangle [34] \langle 6|1+2|3|^2}{\langle 12 \rangle \langle 16 \rangle [35]^3 \langle 45 \rangle \langle 2|1+6|3 \rangle} + \\
& \frac{-11/6i[14]^3 \langle 12 \rangle \langle 16 \rangle^3 [13] \dots \langle 32 \text{ terms} \rangle \dots + 11/6i[24]^2 \langle 26 \rangle^3 [34] \langle 46 \rangle [46]}{s_{345} \langle 2|1+6|5 \rangle \langle 2|1+6|3 \rangle [35] [34] \langle 16 \rangle \langle 12 \rangle}
\end{aligned}$$