

$$\begin{aligned}
& \frac{[15]\langle 13 \rangle [48\langle 36 \rangle] [23]\langle 12 \rangle + 48[13]\langle 13 \rangle \langle 16 \rangle}{\langle 12 \rangle^2 [34]\langle 1|2+3|1 \rangle s_{123}} + \\
& \frac{\langle 16 \rangle (9\langle 36 \rangle) [12]^2 [24]\langle 12 \rangle^3 \dots \langle 8 \text{ terms} \rangle \dots + 18[23]\langle 36 \rangle \langle 23 \rangle [13]\langle 13 \rangle [24]\langle 12 \rangle)}{\langle 12 \rangle^2 [14][14][34]\langle 56 \rangle \langle 1|2+3|4 \rangle s_{123}} + \\
& \frac{-6[35]\langle 26 \rangle [12][13]\langle 13 \rangle^3 \dots \langle 75 \text{ terms} \rangle \dots - 27[23]\langle 34 \rangle [13][45]\langle 36 \rangle \langle 13 \rangle \langle 12 \rangle}{\langle 12 \rangle^2 [14][14][34]\langle 56 \rangle [56] s_{123}} + \\
& \frac{6\langle 46 \rangle \langle 13 \rangle^3 [15][13]}{\langle 12 \rangle^2 [14][14]\langle 1|2+3|1 \rangle s_{123}} + \\
& \frac{-48\langle 36 \rangle \langle 13 \rangle^2 [15][13]}{\langle 12 \rangle^2 [14]\langle 1|2+3|1 \rangle s_{123}} + \\
& \frac{[24](6[35]\langle 46 \rangle) [14]^2 \langle 13 \rangle \langle 14 \rangle \dots \langle 6 \text{ terms} \rangle \dots - 6\langle 26 \rangle [45][12][24]\langle 24 \rangle \langle 14 \rangle)}{\langle 12 \rangle \langle 14 \rangle [14][34]^2 \langle 56 \rangle [56] s_{123}} + \\
& \frac{-48(34)[15][13][45][24]\langle 13 \rangle}{\langle 12 \rangle [14][34][56]\langle 1|2+3|1 \rangle s_{123}} + \\
& \frac{48[15][12][45]\langle 13 \rangle \langle 14 \rangle}{\langle 12 \rangle [34][56]\langle 1|2+3|1 \rangle s_{123}} + \\
& \frac{\langle 13 \rangle^2 [13][15](6\langle 36 \rangle) [34] + 6[24]\langle 26 \rangle)}{\langle 12 \rangle^2 [14][34]\langle 1|2+3|1 \rangle s_{234}} + \\
& \frac{6[15][12]^2 [45]\langle 13 \rangle}{[14][34][56]\langle 1|2+3|1 \rangle s_{234}} + \\
& \frac{-6[15][25][12]\langle 13 \rangle}{[34][56]\langle 1|2+3|1 \rangle s_{234}} + \\
& \frac{-48[15]\langle 16 \rangle \langle 13 \rangle}{\langle 12 \rangle^2 [34]\langle 1|2+3|1 \rangle} + \\
& \frac{\langle 13 \rangle [15](54\langle 13 \rangle) [35] + 48[45]\langle 14 \rangle)}{\langle 12 \rangle^2 [34][56]\langle 1|2+3|1 \rangle} + \\
& \frac{\langle 13 \rangle^2 [15]\langle 24[25]\langle 12 \rangle [14] - 6[13]\langle 13 \rangle [45] + 24\langle 13 \rangle [35][14]}{\langle 12 \rangle^2 [14][56]\langle 1|2+3|1 \rangle \langle 1|2+3|4 \rangle} + \\
& (123456 \rightarrow \overline{432165})
\end{aligned}$$