

$$\begin{aligned}
& \frac{1/3i\langle 14 \rangle^3 [15]^3 \langle 56 \rangle^2}{\langle 12 \rangle \langle 15 \rangle \langle 23 \rangle \langle 34 \rangle \langle 1|5+6|1 \rangle^3} + \\
& \frac{-1i\langle 14 \rangle^3 [15] \langle 16 \rangle [16] \langle 56 \rangle^2}{\langle 12 \rangle \langle 15 \rangle^3 \langle 23 \rangle \langle 34 \rangle \langle 1|5+6|1 \rangle^2} + \\
& \frac{-3/2i\langle 14 \rangle^3 [15]^2 \langle 56 \rangle^2}{\langle 12 \rangle \langle 15 \rangle^2 \langle 23 \rangle \langle 34 \rangle \langle 1|5+6|1 \rangle^2} + \\
& \frac{-1/2i\langle 14 \rangle^2 [15]^2 \langle 46 \rangle \langle 56 \rangle}{\langle 12 \rangle \langle 15 \rangle \langle 23 \rangle \langle 34 \rangle \langle 1|5+6|1 \rangle^2} + \\
& \frac{1i\langle 14 \rangle^2 [15] \langle 46 \rangle \langle 56 \rangle}{\langle 12 \rangle \langle 15 \rangle^2 \langle 23 \rangle \langle 34 \rangle \langle 1|5+6|1 \rangle} + \\
& \frac{1i\langle 14 \rangle [15] \langle 46 \rangle^2}{\langle 12 \rangle \langle 15 \rangle \langle 23 \rangle \langle 34 \rangle \langle 1|5+6|1 \rangle} + \\
& \frac{1/3i\langle 24 \rangle^3 \langle 26 \rangle \langle 6|1+5|2 \rangle^3}{\langle 12 \rangle \langle 16 \rangle \langle 23 \rangle \langle 25 \rangle \langle 34 \rangle \langle 56 \rangle \langle 2|3+4|2 \rangle^3} + \\
& \frac{-1i\langle 24 \rangle^3 \langle 26 \rangle^2 \langle 5|1+6|2 \rangle \langle 6|1+5|2 \rangle}{\langle 12 \rangle \langle 16 \rangle \langle 23 \rangle \langle 25 \rangle^3 \langle 34 \rangle \langle 2|3+4|2 \rangle^2} + \\
& \frac{3/2i\langle 24 \rangle^3 \langle 26 \rangle \langle 6|1+5|2 \rangle^2}{\langle 12 \rangle \langle 16 \rangle \langle 23 \rangle \langle 25 \rangle^2 \langle 34 \rangle \langle 2|3+4|2 \rangle^2} + \\
& \frac{1/2i\langle 24 \rangle^2 \langle 26 \rangle \langle 46 \rangle \langle 6|1+5|2 \rangle^2}{\langle 12 \rangle \langle 16 \rangle \langle 23 \rangle \langle 25 \rangle \langle 34 \rangle \langle 56 \rangle \langle 2|3+4|2 \rangle^2} + \\
& \frac{1i\langle 24 \rangle^2 \langle 26 \rangle \langle 46 \rangle \langle 6|1+5|2 \rangle}{\langle 12 \rangle \langle 16 \rangle \langle 23 \rangle \langle 25 \rangle^2 \langle 34 \rangle \langle 2|3+4|2 \rangle} + \\
& \frac{1i\langle 24 \rangle \langle 26 \rangle \langle 46 \rangle^2 \langle 6|1+5|2 \rangle}{\langle 12 \rangle \langle 16 \rangle \langle 23 \rangle \langle 25 \rangle \langle 34 \rangle \langle 56 \rangle \langle 2|3+4|2 \rangle} + \\
& \frac{1/3i[15]^3 \langle 16 \rangle^2 \langle 45 \rangle^3}{\langle 15 \rangle \langle 23 \rangle \langle 25 \rangle \langle 34 \rangle \langle 5|1+6|5 \rangle^3} + \\
& \frac{[15] \langle 45 \rangle \langle 56 \rangle (1/2i\langle 24 \rangle \langle 12 \rangle \langle 46 \rangle [12] \dots \langle 8 \text{ terms} \rangle \dots + 3/2i\langle 24 \rangle \langle 46 \rangle^2 \langle 46 \rangle)}{\langle 5|1+6|5 \rangle^2 \langle 34 \rangle \langle 25 \rangle^2 \langle 23 \rangle \langle 15 \rangle} + \\
& \frac{-1i[15] \langle 24 \rangle \langle 26 \rangle \langle 45 \rangle^2 \langle 56 \rangle}{\langle 15 \rangle \langle 23 \rangle \langle 25 \rangle^3 \langle 34 \rangle \langle 5|1+6|5 \rangle} + \\
& \frac{3/2i[15] \langle 24 \rangle \langle 45 \rangle \langle 46 \rangle \langle 56 \rangle}{\langle 15 \rangle \langle 23 \rangle \langle 25 \rangle^2 \langle 34 \rangle \langle 5|1+6|5 \rangle} + \\
& \frac{-1i\langle 14 \rangle^2 [15] \langle 45 \rangle \langle 56 \rangle^3 \langle 56 \rangle}{\langle 15 \rangle^3 \langle 23 \rangle \langle 25 \rangle \langle 34 \rangle \langle 5|1+6|5 \rangle^2} + \\
& \frac{-3/2i\langle 14 \rangle^2 [15]^2 \langle 45 \rangle \langle 56 \rangle^2}{\langle 15 \rangle^2 \langle 23 \rangle \langle 25 \rangle \langle 34 \rangle \langle 5|1+6|5 \rangle^2} + \\
& \frac{-1/2i\langle 14 \rangle [15]^2 \langle 45 \rangle \langle 46 \rangle \langle 56 \rangle}{\langle 15 \rangle \langle 23 \rangle \langle 25 \rangle \langle 34 \rangle \langle 5|1+6|5 \rangle^2} + \\
& \frac{1i\langle 14 \rangle [15] \langle 24 \rangle \langle 45 \rangle \langle 56 \rangle^2}{\langle 15 \rangle^2 \langle 23 \rangle \langle 25 \rangle^2 \langle 34 \rangle \langle 5|1+6|5 \rangle} + \\
& \frac{1i\langle 14 \rangle [15] \langle 45 \rangle \langle 46 \rangle \langle 56 \rangle}{\langle 15 \rangle^2 \langle 23 \rangle \langle 25 \rangle \langle 34 \rangle \langle 5|1+6|5 \rangle}
\end{aligned}$$