

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