

$$\begin{aligned}
& \frac{[12][13](1/6[25]\langle 26 \rangle + 7/6[45]\langle 46 \rangle + 1/6[35]\langle 36 \rangle)}{\langle 14 \rangle [14] \langle 1|2+3|1 \rangle \langle 1|2+3|4 \rangle} + \\
& \frac{4/3[12]\langle 13 \rangle \langle 46 \rangle \langle 6|2+3|4 \rangle}{\langle 14 \rangle [14] \langle 56 \rangle \langle 1|2+3|1 \rangle \langle 1|2+3|4 \rangle} + \\
& \frac{1/3[12]\langle 13 \rangle [45]\langle 4|2+3|5 \rangle}{\langle 14 \rangle [14] [56] \langle 1|2+3|1 \rangle \langle 1|2+3|4 \rangle} + \\
& \frac{\langle 13 \rangle \langle 4|2+3|1 \rangle (5/24[24][45]\langle 46 \rangle + 5/48[14]\langle 16 \rangle [25])}{\langle 14 \rangle [14] \langle 1|2+3|4 \rangle \Delta_{14|23|56}} + \\
& \frac{1/4\langle 16 \rangle \langle 46 \rangle \langle 3|1+4|2 \rangle (s_{123} - s_{234})}{\langle 14 \rangle \langle 56 \rangle \langle 1|2+3|4 \rangle \Delta_{14|23|56}} + \\
& \frac{(s_{123} - s_{234})(-5/48[26]\langle 36 \rangle \langle 6|1+4|5 \rangle + 7/48[24]\langle 34 \rangle [45]\langle 46 \rangle)}{\langle 14 \rangle [14] \langle 1|2+3|4 \rangle \Delta_{14|23|56}} + \\
& \frac{\langle 46 \rangle (1/2\langle 16 \rangle [26]\langle 36 \rangle \langle 46 \rangle [46] \dots \langle 12 \text{ terms} \rangle \dots + 1\langle 15 \rangle [25]\langle 36 \rangle \langle 46 \rangle [46])}{\langle 14 \rangle \langle 56 \rangle \langle 1|2+3|4 \rangle \Delta_{14|23|56}} + \\
& \frac{3/16[25]\langle 36 \rangle \langle 46 \rangle^2 [46]^2 \dots \langle 12 \text{ terms} \rangle \dots - 1/4[24]\langle 34 \rangle^2 [34][45]\langle 46 \rangle}{\langle 14 \rangle [14] \langle 1|2+3|4 \rangle \Delta_{14|23|56}} + \\
& (123456 \rightarrow \overline{-432165}) + \\
& \frac{1/24\langle 13 \rangle \langle 16 \rangle [24][45]\langle 4|2+3|1 \rangle (s_{123} - s_{234})}{\langle 14 \rangle [14] \langle 1|2+3|4 \rangle^2 \Delta_{14|23|56}} + \\
& \frac{-7/192\langle 3|1+4|2 \rangle \langle 6|1+4|5 \rangle (s_{123} - s_{234})(s_{25} + s_{26} + s_{35} + s_{36})}{\langle 1|2+3|4 \rangle \Delta_{14|23|56}^2}
\end{aligned}$$