

$$\begin{aligned}
& \frac{1/7\langle 16\rangle\langle 34\rangle^2[24][14][15]}{\langle 23\rangle[34]\langle 1|5+6|1\rangle^2\langle 4|2+3|4\rangle} + \\
& \frac{15/7[12]\langle 16\rangle\langle 1|3+4|1|[24][15]}{\langle 12\rangle[14][23][34]\langle 1|5+6|1\rangle^2} + \\
& \frac{-1/7\langle 16\rangle\langle 3|2+4|1\rangle\langle 13\rangle[15]}{\langle 12\rangle\langle 23\rangle[34]\langle 1|5+6|1\rangle^2} + \\
& \frac{4/7[15]\langle 13\rangle^2[12]\langle 46\rangle}{\langle 12\rangle\langle 23\rangle[23]\langle 1|2+3|1\rangle\langle 1|5+6|1\rangle} + \\
& \frac{1/7[24]\langle 13\rangle^2[15]\langle 46\rangle}{\langle 12\rangle\langle 23\rangle[23]\langle 1|5+6|1\rangle\langle 1|2+3|4\rangle} + \\
& \frac{-8/7\langle 16\rangle[15][24]^2[12]}{[14][23][34]\langle 1|5+6|1\rangle\langle 1|2+3|4\rangle} + \\
& \frac{-1/7[24]\langle 13\rangle\langle 36\rangle[15]}{\langle 23\rangle[34]\langle 1|5+6|1\rangle\langle 1|2+3|4\rangle} + \\
& \frac{15/7\langle 16\rangle[15][24][12]}{\langle 12\rangle[14][23][34]\langle 1|5+6|1\rangle} + \\
& \frac{3/7[24]\langle 13\rangle[15]\langle 46\rangle}{\langle 12\rangle\langle 23\rangle[23][34]\langle 1|5+6|1\rangle} + \\
& \frac{1/7\langle 13\rangle\langle 36\rangle[15]}{\langle 12\rangle\langle 23\rangle[34]\langle 1|5+6|1\rangle} + \\
& \frac{-1[12][25]\langle 26\rangle}{[34]\langle 2|5+6|2\rangle\langle 2|1+4|3\rangle} + \\
& \frac{-1\langle 6|1+4|5\rangle\langle 13\rangle\langle 34\rangle}{\langle 14\rangle\langle 23\rangle\langle 1|2+3|4\rangle\langle 2|1+4|3\rangle} + \\
& \frac{3/7[15]\langle 13\rangle^2[12]\langle 46\rangle}{\langle 12\rangle\langle 23\rangle[23]\langle 1|2+3|1\rangle\langle 4|5+6|4\rangle} + \\
& (123456 \rightarrow \overline{432165}) +
\end{aligned}$$

$$\begin{aligned}
& \frac{1/16\langle 3|1+4|2\rangle(s_{123}-s_{234})(s_{124}-s_{134})(s_{12}+s_{13}+s_{24}+s_{34})\langle 6|1+4|5\rangle}{\langle 14\rangle[14]\langle 23\rangle[23]\langle 1|2+3|4\rangle\langle 2|1+4|3\rangle\Delta_{14|23|56}} + \\
& \frac{1/4\langle 3|1+4|2\rangle\langle 6|1+4|5\rangle(s_{13}+s_{24}-s_{34}-s_{12})}{\langle 14\rangle[14]\langle 23\rangle[23]\langle 1|2+3|4\rangle\langle 2|1+4|3\rangle}
\end{aligned}$$