

$$\begin{aligned}
& \frac{-3/8\langle 23\rangle[23]\langle 4|2+3|1\rangle\langle 6|1+4|5\rangle(s_{134}-s_{124})}{\langle 2|1+4|3\rangle\Delta_{14|23|56}^2} + \\
& \frac{3/32\langle 4|2+3|1\rangle\langle 6|1+4|5\rangle\langle 3|4+6|3\rangle(s_{134}-s_{124})}{\langle 2|1+4|3\rangle\Delta_{14|23|56}^2} + \\
& \frac{3/64[25]\langle 26\rangle\langle 4|2+3|1\rangle(s_{134}-s_{124})(s_{145}-s_{146})}{\langle 2|1+4|3\rangle\Delta_{14|23|56}^2} + \\
& \frac{3/64[13]\langle 34\rangle\langle 6|1+4|5\rangle(s_{134}-s_{124})(s_{123}-s_{234})}{\langle 2|1+4|3\rangle\Delta_{14|23|56}^2} + \\
& \frac{1\langle 24\rangle[35]\langle 6|2+4|1\rangle(s_{134}-s_{124})}{\langle 2|1+4|3\rangle^2\Delta_{14|23|56}} + \\
& \frac{\langle 24\rangle[35](2[34]\langle 46\rangle-1[35]\langle 56\rangle)}{\langle 1|2+4|3\rangle\langle 2|1+4|3\rangle^2} + \\
& \frac{\langle 46\rangle s_{134}(-1/2\langle 46\rangle[56]-1/8\langle 24\rangle[25])}{\langle 14\rangle\langle 2|1+4|3\rangle\Delta_{14|23|56}} + \\
& \frac{\langle 26\rangle\langle 46\rangle(3/8[14]\langle 4|1+3|2\rangle-1/8[13]\langle 3|1+4|2\rangle)}{\langle 56\rangle\langle 2|1+4|3\rangle\Delta_{14|23|56}} + \\
& \frac{\langle 46\rangle(s_{14}-s_{23})(-1/8[13]\langle 36\rangle+3/8[14]\langle 46\rangle)}{\langle 56\rangle\langle 2|1+4|3\rangle\Delta_{14|23|56}} + \\
& \frac{9/4[14]\langle 24\rangle[25]\langle 46\rangle+15/8[15]\langle 34\rangle[35]\langle 56\rangle}{\langle 2|1+4|3\rangle\Delta_{14|23|56}} + \\
& \frac{-15/16[15]\langle 46\rangle(s_{134}-s_{124})}{\langle 2|1+4|3\rangle\Delta_{14|23|56}} + \\
& \frac{-1\langle 46\rangle\langle 6|2+4|3\rangle}{\langle 56\rangle\langle 1|2+4|3\rangle\langle 2|1+4|3\rangle} + \\
& \frac{1[13]\langle 26\rangle\langle 36\rangle}{\langle 56\rangle\langle 2|1+4|3\rangle\langle 2|1+3|4\rangle} + \\
& (123456 \rightarrow -\overline{432165})
\end{aligned}$$