

$$\frac{-1\langle 16\rangle^2[12]^2[24]}{[23][34]\langle 56\rangle\langle 1|5+6|1\rangle\langle 1|2+3|4\rangle} +$$

$$\frac{-1\langle 36\rangle\langle 34\rangle\langle 16\rangle[34]}{\langle 12\rangle\langle 56\rangle\langle 1|2+3|4\rangle\langle 2|1+4|3\rangle} +$$

$$\frac{1\langle 36\rangle\langle 34\rangle[45](s_{34}-s_{12})}{\langle 23\rangle\langle 56\rangle[56]\langle 1|2+3|4\rangle\langle 2|1+4|3\rangle} +$$

$$\frac{-1\langle 36\rangle[45]\langle 4|1+3|2\rangle}{\langle 56\rangle[56]\langle 1|2+3|4\rangle\langle 2|1+4|3\rangle} +$$

$$\frac{1[25]\langle 26\rangle[12]}{[34]\langle 2|5+6|2\rangle\langle 2|1+4|3\rangle} +$$

$$\frac{1\langle 36\rangle[15]\langle 34\rangle}{\langle 23\rangle\langle 56\rangle[56]\langle 2|1+4|3\rangle} +$$

$$(123456 \rightarrow \overline{432165}) +$$

$$\frac{1/16(s_{123}-s_{234})(s_{124}-s_{134})\langle 3|1+4|2\rangle\langle 6|1+4|5\rangle(s_{25}+s_{35}+s_{26}+s_{36})}{\langle 23\rangle[23]\langle 56\rangle[56]\Delta_{14|23|56}\langle 1|2+3|4\rangle\langle 2|1+4|3\rangle} +$$

$$\frac{-1/4(s_{13}+s_{24}-s_{34}-s_{12})\langle 3|1+4|2\rangle\langle 6|1+4|5\rangle}{\langle 23\rangle[23]\langle 56\rangle[56]\langle 1|2+3|4\rangle\langle 2|1+4|3\rangle} +$$

$$\frac{1/2s_{23}\langle 3|1+4|2\rangle\langle 6|1+4|5\rangle}{\langle 23\rangle[23]\langle 56\rangle[56]\langle 1|2+3|4\rangle\langle 2|1+4|3\rangle}$$