

$$\frac{1 i \langle 2 | 1 + 3 | 5 \rangle^4}{\langle 12 \rangle \langle 23 \rangle [45] [56] \langle 1 | 2 + 3 | 4 \rangle \langle 3 | 1 + 2 | 6 \rangle s_{123}} +$$

$$(123456 \rightarrow \overline{234561}) +$$

$$(123456 \rightarrow 345612)$$

$$\frac{1i[13]^4\langle 46\rangle^4}{[12][23]\langle 45\rangle\langle 56\rangle\langle 4|2+3|1\rangle\langle 6|1+2|3\rangle s_{123}} +$$

$$\frac{1i[15]^4\langle 24\rangle^4}{[16]\langle 23\rangle\langle 34\rangle[56]\langle 2|1+6|5\rangle\langle 4|2+3|1\rangle s_{234}} +$$

$$\frac{-1i\langle 26\rangle^4[35]^4}{\langle 12\rangle\langle 16\rangle[34][45]\langle 2|1+6|5\rangle\langle 6|1+2|3\rangle s_{345}}$$

$$\frac{1i\langle 2|1+3|5\rangle^4}{\langle 12\rangle\langle 23\rangle[45][56]\langle 1|2+3|4\rangle\langle 3|1+2|6\rangle s_{123}} +$$

$$\frac{1i\langle 6|2+4|3\rangle^4}{\langle 16\rangle[23][34]\langle 56\rangle\langle 1|2+3|4\rangle\langle 5|1+6|2\rangle s_{234}} +$$

$$\frac{-1i\langle 4|3+5|1\rangle^4}{[12][16]\langle 34\rangle\langle 45\rangle\langle 3|1+2|6\rangle\langle 5|1+6|2\rangle s_{345}}$$