

$$\frac{4[12]\langle 13\rangle\langle 23\rangle[35]\langle 46\rangle}{\langle 12\rangle^2[23]\langle 2|3+4|1\rangle s_{123}} +$$

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

$$\frac{2[12]\langle 13\rangle\langle 23\rangle[35]\langle 4|1+6|5\rangle}{\langle 12\rangle^2[23][56]\langle 2|3+4|1\rangle s_{123}} +$$

$$\frac{-2[12]\langle 13\rangle[14]\langle 46\rangle^2}{\langle 12\rangle[23]\langle 56\rangle\langle 2|3+4|1\rangle s_{123}} +$$

$$\frac{2[12]\langle 13\rangle\langle 14\rangle[15]^2}{\langle 12\rangle[23][56]\langle 2|3+4|1\rangle s_{123}} +$$

$$\frac{2[12]\langle 13\rangle[15]^2\langle 23\rangle\langle 24\rangle\langle 1|5+6|1\rangle}{\langle 12\rangle[56]\langle 2|3+4|1\rangle^2(\langle 3|2|5+6|1|3\rangle - \langle 2|4|5+6|1|2\rangle)} +$$

$$\frac{-2[12]\langle 13\rangle[15]^2\langle 24\rangle\langle 1|3+4|2\rangle}{\langle 12\rangle[23][56]\langle 2|3+4|1\rangle(\langle 3|2|5+6|1|3\rangle - \langle 2|4|5+6|1|2\rangle)} +$$

$$\frac{-1[12]\langle 13\rangle[15]^2\langle 23\rangle[23]\langle 24\rangle\langle 1|5+6|1\rangle\langle 1|3+4|2\rangle}{\langle 12\rangle[23][56]\langle 2|3+4|1\rangle(\langle 3|2|5+6|1|3\rangle - \langle 2|4|5+6|1|2\rangle)^2}$$