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

$$\frac{-3/8\langle 13\rangle[15]\langle 36\rangle(s_{123}-s_{234})}{\langle 23\rangle\langle 1|2+3|4]\Delta_{23|14|56}} +$$

$$\frac{3/8[24][25]\langle 46\rangle(s_{123}-s_{234})}{[23]\langle 1|2+3|4]\Delta_{23|14|56}} +$$

$$\frac{3/4[15]\langle 34\rangle\langle 36\rangle}{\langle 23\rangle\Delta_{23|14|56}} +$$

$$\frac{3/4[12][25]\langle 46\rangle}{[23]\Delta_{23|14|56}} +$$

$$\frac{7/12[12]\langle 13\rangle[15]\langle 56\rangle\langle 1|2+3|5]}{\langle 1|2+3|1]^2\langle 1|2+3|4]s_{234}} +$$

$$\frac{7/6\langle 13\rangle^2[15]\langle 46\rangle s_{234}}{\langle 14\rangle\langle 23\rangle\langle 1|2+3|1]\langle 1|2+3|4]s_{234}} +$$

$$\frac{-7/12\langle 13\rangle^2[15]\langle 56\rangle\langle 4|2+3|5]}{\langle 14\rangle\langle 23\rangle\langle 1|2+3|1]\langle 1|2+3|4]s_{234}} +$$

$$\frac{6[12]\langle 26\rangle^2[56]}{\langle 2|5+6|2]\langle 2|1+4|3]\langle 2|1+3|4]} +$$

$$\frac{1/3\langle 34\rangle^2[45]\langle 46\rangle}{\langle 14\rangle\langle 23\rangle\langle 4|2+3|4]\langle 4|5+6|4]} +$$

$$\frac{-1/2\langle 13\rangle[24]\langle 46\rangle^2[56]}{\langle 14\rangle\langle 1|2+3|4]\langle 4|2+3|4]s_{123}} +$$

$$\frac{1/2[24]\langle 34\rangle\langle 46\rangle\langle 2|1+3|5]}{\langle 24\rangle\langle 1|2+3|4]\langle 4|2+3|4]s_{123}} +$$

$$\frac{21/2\langle 34\rangle\langle 46\rangle\langle 1|2+3|5]\langle 3|1+2|4]}{\langle 14\rangle\langle 23\rangle\langle 1|2+3|4]\langle 4|5+6|4]s_{123}} +$$

$$\frac{-149/12\langle 13\rangle\langle 34\rangle[45]\langle 46\rangle\langle 1|2+3|1]}{\langle 14\rangle\langle 23\rangle\langle 1|2+3|4]\langle 4|5+6|4]s_{123}} +$$

$$\frac{83/12\langle 13\rangle\langle 23\rangle[23]\langle 34\rangle[45]\langle 46\rangle}{\langle 14\rangle\langle 23\rangle\langle 1|2+3|4]\langle 4|5+6|4]s_{123}} +$$

$$\frac{11/2\langle 14\rangle\langle 34\rangle[45]\langle 46\rangle\langle 1|2+3|1]}{\langle 14\rangle\langle 24\rangle\langle 1|2+3|4]\langle 4|5+6|4]s_{123}} +$$

$$\frac{11/2\langle 12\rangle[23]\langle 34\rangle^2[45]\langle 46\rangle}{\langle 14\rangle\langle 24\rangle\langle 1|2+3|4]\langle 4|5+6|4]s_{123}} +$$

$$\frac{-11\langle 13\rangle\langle 46\rangle\langle 3|1+2|4]\langle 2|1+3|5]}{\langle 14\rangle\langle 23\rangle\langle 1|2+3|4]\langle 2|1+3|4]s_{123}} +$$

$$\frac{7/12\langle 13\rangle[15]\langle 16\rangle\langle 34\rangle}{\langle 14\rangle\langle 23\rangle\langle 1|2+3|4]s_{234}} +$$

$$\frac{3\langle 6|1+4|5]}{\langle 1|2+3|4]\langle 2|1+4|3]} +$$

$$\frac{6\langle 12\rangle\langle 14\rangle[15]\langle 26\rangle(s_{13}-s_{24})}{\langle 14\rangle\langle 24\rangle\langle 1|2+3|4]\langle 2|1+4|3]\langle 2|1+3|4]} +$$

$$\frac{5\langle 13\rangle[45]\langle 46\rangle - 6\langle 13\rangle[15]\langle 16\rangle - 6\langle 12\rangle[25]\langle 36\rangle}{\langle 14\rangle\langle 1|2+3|4]\langle 2|1+3|4]} +$$

$$\frac{\langle 12\rangle(6\langle 23\rangle[25]\langle 46\rangle - 6\langle 14\rangle[15]\langle 36\rangle - 6\langle 34\rangle[35]\langle 36\rangle)}{\langle 14\rangle\langle 24\rangle\langle 1|2+3|4]\langle 2|1+3|4]} +$$

$$\frac{\langle 34\rangle\langle 46\rangle(1/2\langle 23\rangle[24]\langle 34\rangle[35] - 1/2\langle 23\rangle[23]\langle 34\rangle[45] + 1/2\langle 12\rangle[12]\langle 34\rangle[45] - 1/2\langle 12\rangle[14]\langle 24\rangle[25])}{\langle 24\rangle\langle 1|2+3|4]\langle 4|(\langle 3|2|5+6|4]\langle 3| - \langle 2|1|5+6|4]\langle 2|)}$$