$$\frac{-3/8[13]\langle 3|1+4|2]\langle 23\rangle\langle 46\rangle[35]}{\langle 2|1+4|3]^2\Delta_{14|23|56}} +$$

$$\frac{1/16\langle 3|1+4|2]\left(s_{124}-s_{134}\right)\langle 46\rangle[35]\langle 24\rangle}{\langle 14\rangle\langle 2|1+4|3]^2\Delta_{14|23|56}} +$$

$$\frac{1/8[12]\left(s_{124}-s_{134}\right)\langle 36\rangle[35]\langle 24\rangle}{\langle 2|1+4|3]^2\Delta_{14|23|56}} +$$

$$\frac{1/16[13]\langle 3|1+4|2]\left(s_{124}-s_{134}\right)\langle 46\rangle\langle 26\rangle}{\langle 56\rangle\langle 2|1+4|3]^2\Delta_{14|23|56}} +$$

$$\frac{3/16[13]\langle 3|1+4|2]\langle 4|2+3|1]\langle 6|1+4|5]\langle 13\rangle}{\langle 2|1+4|3]\Delta_{14|23|56}^2} +$$

$$\frac{3/32[13]\langle 3|1+4|2]\left(s_{123}-s_{234}\right)\langle 6|1+4|5]\langle 34\rangle}{\langle 2|1+4|3]\Delta_{14|23|56}^2} +$$

$$\frac{\langle 36\rangle\langle 3|1+4|2]\langle 4|2+3|1]\left(-3/16\langle 3|1+4|3]\left[35\right]+3/8[25]\langle 12\rangle[13]\right)}{\langle 2|1+4|3]\Delta_{14|23|56}^2} +$$

$$\frac{1/16\langle 46\rangle[23]\langle 3|1+4|5]\langle 34\rangle}{\langle 14\rangle\Delta_{14|23|56}\langle 2|1+4|3]} +$$

$$\frac{1/4\langle 46\rangle\langle 34\rangle\langle 3|1+4|2][35]}{\langle 14\rangle\Delta_{14|23|56}\langle 2|1+4|3]} +$$

$$\frac{\langle 46\rangle\langle 3|1+4|2]\left(1/4[13]\langle 36\rangle+1/16[14]\langle 46\rangle\right)}{\langle 56\rangle\Delta_{14|23|56}\langle 2|1+4|3]} +$$

$$\frac{-1/16[12]\langle 36\rangle\langle 46\rangle\left(s_{14}-s_{23}\right)}{\langle 56\rangle\Delta_{14|23|56}\langle 2|1+4|3]} +$$

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

$$\frac{3/2\langle 24\rangle[35]^2\left(s_{13}-s_{24}\right)\langle 23\rangle}{\langle 12\rangle[56]\langle 2|1+4|3]^3} +$$

$$\frac{2/3\langle 13\rangle[23][35]\langle 24\rangle^2\langle 26\rangle}{\langle 12\rangle^2\langle 2|1+4|3]^2\langle 4|1+2|3]} +$$

$$\frac{-1/12[25]\langle 14\rangle\langle 24\rangle\langle 12\rangle\langle 26\rangle \ldots\langle\!\langle 4\,\text{terms}\rangle\!\rangle\ldots +1/4[35]\langle 46\rangle\langle 12\rangle^2\langle 34\rangle}{\langle 12\rangle^2\langle 14\rangle\langle 2|1+4|3]^2} +$$

$$\frac{[35]\left(-7/4\langle 24\rangle[35]\langle 23\rangle\langle 13\rangle-7/4\langle 24\rangle^2[45]\langle 13\rangle+1/4\langle 24\rangle\langle 12\rangle[45]\langle 34\rangle-1/4[35]\langle 34\rangle\langle 12\rangle\langle 23\rangle\right)}{\langle 12\rangle^2[56]\langle 2|1+4|3]^2} +$$

$$\frac{1/12[24]\langle 46\rangle\langle 24\rangle^2\langle 12\rangle[45] \ldots\langle\!\langle 9\,\text{terms}\rangle\!\rangle\ldots +1/12[24]\langle 23\rangle\langle 46\rangle[35]\langle 24\rangle\langle 12\rangle}{\langle 12\rangle\langle 14\rangle\langle 2|1+4|3]^2\langle 2|1+3|4]} +$$

$$\frac{\langle 23\rangle[35]\left(-3/4\langle 24\rangle\langle 34\rangle\langle 34\rangle[45] \ldots\langle\!\langle 3\,\text{terms}\rangle\!\rangle\ldots -17/12[35][13]\langle 23\rangle\langle 13\rangle\right)}{\langle 12\rangle[56]\langle 2|1+4|3]^2\langle 2|1+3|4]} +$$

$$\frac{\langle 26\rangle\left(-2/3\langle 24\rangle[13]\langle 24\rangle[36] \ldots\langle\!\langle 4\,\text{terms}\rangle\!\rangle\ldots +2/3[12][34]\langle 24\rangle\langle 36\rangle\right)}{\langle 56\rangle\langle 2|1+4|3]^2\langle 2|1+3|4]} +$$

$$\frac{-1/4[12][15]\langle 26\rangle}{[14]\langle 2|1+4|3]^2} +$$

$$\frac{\langle 14\rangle\langle 24\rangle\langle 46\rangle[35]\left(-7/6[13]\langle 13\rangle+5/12[12]\langle 12\rangle\right)}{\langle 12\rangle^2\langle 2|1+4|3]\langle 4|1+2|3]^2} +$$

$$\frac{3/2\langle 24\rangle^2[35]^2\langle 13\rangle^2}{\langle 12\rangle^3[56]\langle 2|1+4|3]\langle 4|1+2|3]} +$$

$$\frac{-1/2[13]\langle 13\rangle\langle 14\rangle\langle 46\rangle\langle 26\rangle}{\langle 12\rangle^2\langle 56\rangle\langle 2|1+4|3]\langle 4|1+2|3]} +$$

$$\frac{-7/12\langle 14\rangle[35]\langle 24\rangle\langle 34\rangle[45]}{\langle 12\rangle^2[56]\langle 2|1+4|3]\langle 4|1+2|3]} +$$

$$\frac{7/12\langle 24\rangle\langle 36\rangle\langle 14\rangle[35]}{\langle 12\rangle^2\langle 2|1+4|3]\langle 4|1+2|3]} +$$

$$\frac{5/12[12]\langle 46\rangle\langle 14\rangle\langle 26\rangle}{\langle 12\rangle\langle 56\rangle\langle 2|1+4|3]\langle 4|1+2|3]} +$$

$$\frac{\langle 34\rangle[35]\left(7/12[15]\langle 14\rangle+7/12\langle 34\rangle[35]\right)}{\langle 12\rangle[56]\langle 2|1+4|3]\langle 4|1+2|3]} +$$

$$\frac{7/12\langle 46\rangle\langle 34\rangle[35]}{\langle 12\rangle\langle 2|1+4|3]\langle 4|1+2|3]} +$$

$$\frac{\langle 23\rangle\langle 13\rangle\langle 26\rangle\left(-1/2[34]\langle 46\rangle+1/2[23]\langle 26\rangle\right)}{\langle 12\rangle^2\langle 56\rangle\langle 2|1+4|3]\langle 2|1+3|4]} +$$

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

$$\frac{-5/4\langle 35\rangle\langle 23\rangle\langle 26\rangle\langle 13\rangle}{\langle 12\rangle^2\langle 2|1+4|3]\langle 2|1+3|4]} +$$

$$\frac{\langle 2|1+3|5][45]\langle 23\rangle\left(1/3[13]\langle 13\rangle \ldots\langle\!\langle 3\,\text{terms}\rangle\!\rangle\ldots -1/4[12]\langle 12\rangle\right)}{\langle 12\rangle[56]\langle 2|1+4|3]\langle 2|1+3|4]^2} +$$

$$\frac{[45]\langle 23\rangle^2\left(1/3\langle 24\rangle[23][45]-2/3[35][13]\langle 13\rangle-2/3[13]\langle 12\rangle[25]\right)}{\langle 12\rangle[56]\langle 2|1+4|3]\langle 2|1+3|4]^2} +$$

$$\frac{-1/12\langle 24\rangle[25]\langle 16\rangle\langle 23\rangle}{\langle 12\rangle\langle 14\rangle\langle 2|1+4|3]\langle 2|1+3|4]} +$$

$$\frac{\langle 36\rangle\left(-5/3\langle 23\rangle\langle 26\rangle\langle 23\rangle \ldots\langle\!\langle 4\,\text{terms}\rangle\!\rangle\ldots -25/12[13]\langle 26\rangle\langle 13\rangle\right)}{\langle 12\rangle\langle 56\rangle\langle 2|1+4|3]\langle 2|1+3|4]} +$$

$$\frac{-1/12\langle 24\rangle\langle 46\rangle\langle 26\rangle\langle 23\rangle}{\langle 12\rangle\langle 56\rangle\langle 2|1+4|3]\langle 2|1+3|4]} +$$

$$\frac{\langle 23\rangle[35]\left(-2\langle 34\rangle[45]-1/6[25]\langle 23\rangle\right)}{\langle 12\rangle[56]\langle 2|1+4|3]\langle 2|1+3|4]} +$$

$$\frac{\langle 24\rangle[45]\left(3/4\langle 34\rangle[45]-3/4\langle 25\rangle[23]\right)}{\langle 12\rangle[56]\langle 2|1+4|3]\langle 2|1+3|4]} +$$

$$\frac{-3[15]\langle 26\rangle\langle 13\rangle+3/4\langle 24\rangle\langle 36\rangle[45]-13/4\langle 46\rangle[45]\langle 23\rangle-8/3[25]\langle 26\rangle\langle 23\rangle}{\langle 12\rangle\langle 2|1+4|3]\langle 2|1+3|4]} +$$

$$\frac{9/4[15]\langle 36\rangle}{\langle 2|1+4|3]\langle 2|1+3|4]} +$$

$$\frac{-9/32\left(s_{14}-s_{56}\right)\langle 6|1+4|5]\langle 3|1+4|2]\langle 4|2+3|1]}{\langle 2|1+4|3]\Delta_{14|23|56}^2} +$$

$$\frac{-3/32\langle 4|2+3|1]\langle 6|1+4|5]\langle 3|1+4|2]s_{23}}{\langle 2|1+4|3]\Delta_{14|23|56}^2} +$$

$$\frac{1/16[15]\langle 46\rangle\langle 3|1+4|2]}{\Delta_{14|23|56}\langle 2|1+4|3]} +$$

$$\frac{1/16[12]\langle 34\rangle\langle 6|1+4|5]}{\Delta_{14|23|56}\langle 2|1+4|3]} +$$

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