$$\frac{5\langle 13\rangle[25]\langle 46\rangle\langle 3|1+2|4]}{\langle 12\rangle\langle 56\rangle[56]\langle 1|2+3|4]s_{123}}+$$

$$\frac{4\langle 13\rangle\langle 46\rangle\langle 3|1+2|5]}{\langle 12\rangle^2\langle 56\rangle[56]s_{123}}+$$

$$\frac{5[12]\langle 13\rangle^2[15]\langle 46\rangle}{\langle 12\rangle\langle 56\rangle[56]\langle 1|2+3|1]s_{123}}+$$

$$\frac{-3[13]\langle 24\rangle\langle 26\rangle[35]\langle 3|1+4|2](s_{124}-s_{134})}{\langle 2|1+4|3]^3\Delta_{14|23|56}}+$$

$$\frac{5/2[13]\langle 24\rangle\langle 26\rangle[35]\langle 3|1+4|2]^2(s_{134}-s_{124})}{\langle 2|1+4|3]^2\Delta_{14|23|56}}+$$

$$\frac{1[13]\langle 26\rangle\langle 34\rangle[35]\langle 3|1+4|2]}{\langle 2|1+4|3]^2\Delta_{14|23|56}}+$$

$$\frac{1\langle 24\rangle[24]\langle 26\rangle[35]\langle 3|1+4|2](s_{13}-s_{24})}{\langle 1|2+3|4]\langle 2|1+4|3]^2\Delta_{14|23|56}}+$$

$$\frac{(s_{124}-s_{134})[13]\langle 26\rangle(s_{13}-s_{24})(-1/2\langle 14\rangle[24]\langle 36\rangle+1/2\langle 13\rangle[24]\langle 46\rangle-1/2\langle 13\rangle[23]\langle 36\rangle+1/2[12]\langle 13\rangle\langle 16\rangle)}{\langle 56\rangle\langle 1|2+3|4]\langle 2|1+4|3]^2\Delta_{14|23|56}}+$$

$$\frac{[23](s_{124}-s_{134})\langle 26\rangle(s_{13}-s_{24})(1/2\langle 23\rangle[24]\langle 46\rangle+1/2[12]\langle 13\rangle\langle 26\rangle)}{\langle 2|1+3|4]\langle 2|1+4|3]^2\Delta_{14|23|56}}+$$

$$\frac{[13]\langle 26\rangle(s_{124}-s_{134})(-1/2\langle 24\rangle[34]\langle 46\rangle+1[23]\langle 34\rangle\langle 36\rangle+1/2[12]\langle 13\rangle\langle 46\rangle)}{\langle 56\rangle\langle 2|1+4|3]^2\Delta_{14|23|56}}+$$

$$\frac{1[12][23]\langle 24\rangle\langle 26\rangle\langle 36\rangle(s_{124}-s_{134})}{\langle 56\rangle\langle 2|1+4|3]^2\Delta_{14|23|56}}+$$

$$\frac{1/2[13]\langle 23\rangle[25]\langle 34\rangle[35](s_{124}-s_{134})}{[56]\langle 2|1+4|3]^2\Delta_{14|23|56}}+$$

$$\frac{1/2[12]\langle 23\rangle\langle 24\rangle[25][35](s_{124}-s_{134})}{[56]\langle 2|1+4|3]^2\Delta_{14|23|56}}+$$

$$\frac{-4[23]\langle 26\rangle\langle 36\rangle(s_{13}-s_{24})}{\langle 56\rangle\langle 1|2+3|4]\langle 2|1+4|3]^2}+$$

$$\frac{-6\langle 23\rangle[25][35](s_{13}-s_{24})}{[56]\langle 1|2+3|4]\langle 2|1+4|3]^2}+$$

$$\frac{-35/32\langle 23\rangle[23]\langle 3|1+4|2]\langle 4|2+3|1]\langle 6|1+4|5](s_{134}+s_{124})(s_{134}-s_{124})}{\langle 2|1+4|3]\Delta^3_{14|23|56}}+$$

$$\frac{-7/16\langle 13\rangle[23]\langle 26\rangle[45]\langle 3|1+4|2]\langle 4|2+3|1](s_{134}-s_{124})}{\langle 1|2+3|4]\langle 2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{-7/16[13]\langle 23\rangle[36][45]\langle 4|2+3|1](s_{13}-s_{24})(s_{134}-s_{124})}{\langle 1|2+3|4]\langle 2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{\langle 24\rangle\langle 3|1+4|2]^2(-35/8[13]\langle 35\rangle\langle 36\rangle+35/8[12]\langle 26\rangle[35]+35/8[13][25]\langle 26\rangle)}{\langle 2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{-15/4[13]\langle 26\rangle\langle 34\rangle[35]\langle 3|1+4|2]^2}{\langle 2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{5/16\langle 24\rangle[24]\langle 26\rangle[35]\langle 3|1+4|2]^2(s_{123}-s_{234})}{\langle 1|2+3|4]\langle 2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{-1/32[23]\langle 46\rangle(s_{123}-s_{234})\langle 3|1+4|5](s_{124}-s_{134})\langle 13\rangle(s_{23}-s_{56})}{\langle 14\rangle\langle 1|2+3|4]\langle 2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{-1/32[12](s_{123}-s_{234})\langle 23\rangle[24]\langle 35](s_{124}-s_{134})\langle 6|1+4|5](s_{23}-s_{56})}{[14]\langle 1|2+3|4]\langle 2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{-3/32[23]\langle 36\rangle\langle 46\rangle\langle 3|1+2|4](s_{123}-s_{234})(s_{14}-s_{23})(s_{124}-s_{134})}{\langle 56\rangle\langle 1|2+3|4]\langle 2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{3/32[45](s_{123}-s_{234})\langle 4|1+6|5]\langle 34\rangle[24](s_{14}-s_{23})(s_{124}-s_{134})}{[56]\langle 1|2+3|4]\langle 2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{-3/32[12]\langle 13\rangle[15]\langle 45](s_{123}-s_{234})\langle 14\rangle(s_{14}-s_{23})(s_{124}-s_{134})}{[56]\langle 1|2+3|4]\langle 2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{\langle 3|1+4|2](s_{124}-s_{134})(-1/8[12]\langle 23\rangle[35]\langle 46\rangle\dots\langle\!\langle 11\,\text{terms}\rangle\!\rangle\dots+11/16[14]\langle 24\rangle[25]\langle 46\rangle)}{\langle 2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{\langle 3|1+4|2](s_{123}-s_{234})(s_{124}-s_{134})(11/16[14]\langle 14\rangle[15]\langle 16\rangle\dots\langle\!\langle 15\,\text{terms}\rangle\!\rangle\dots+1/4\langle 23\rangle[23]\langle 25\rangle\langle 26\rangle)}{\langle 1|2+3|4]\langle 2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{(s_{124}-s_{134})(-25/16[12]\langle 23\rangle[24]\langle 34\rangle[35]\langle 46\rangle\dots\langle\!\langle 23\,\text{terms}\rangle\!\rangle\dots+5/16[13]\langle 23\rangle^2[36]\langle 45])}{\langle 2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{(s_{123}-s_{234})(s_{124}-s_{134})(-1/8\langle 13\rangle[13]\langle 14\rangle[14]\langle 25\rangle\langle 36\rangle\dots\langle\!\langle 13\,\text{terms}\rangle\!\rangle\dots-3/32[12]\langle 13\rangle\langle 23\rangle[23]\langle 45\rangle\langle 46\rangle)}{\langle 1|2+3|4]\langle 2|1+4|3]\Delta^2_{14|23|56}}+$$

$$\frac{-1/2\langle 13\rangle[23]\langle 26\rangle[45]\langle 3|1+4|2](s_{13}-s_{24})}{\langle 1|2+3|4]^2\langle 2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{1/2[12]\langle 13\rangle\langle 24\rangle[26][45](s_{123}-s_{234})(s_{13}-s_{24})}{[14]\langle 1|2+3|4]^2\langle 2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{1/4\langle 13\rangle[23]\langle 46\rangle\langle 3|1+4|3]\langle 3|1+4|5]}{\langle 14\rangle\langle 1|2+3|4]\langle 2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{-1/2\langle 13\rangle^2[15][23]\langle 46\rangle\langle 3|1+4|3]}{\langle 14\rangle\langle 1|2+3|4]\langle 2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{1/4\langle 13\rangle[14][23]\langle 34\rangle\langle 46\rangle\langle 1|2+3|5]}{\langle 14\rangle\langle 1|2+3|4]\langle 2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{(s_{23}-s_{56})(5/8[12]^2\langle 13\rangle\langle 14\rangle\langle 26\rangle[45]\dots\langle\!\langle 16\,\text{terms}\rangle\!\rangle\dots+1/8\langle 24\rangle[24]^2\langle 34\rangle\langle 45\rangle\langle 46\rangle)}{\langle 14\rangle[14]\langle 1|2+3|4]\langle 2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{\langle 13\rangle(s_{23}-s_{56})(1/4\langle 24\rangle[24]\langle 25\rangle\langle 46\rangle\dots\langle\!\langle 3\,\text{terms}\rangle\!\rangle\dots-1/8[24]\langle 34\rangle[35]\langle 46\rangle)}{\langle 1|2+3|4]\langle 2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{[24][12](1/2\langle 23\rangle\langle 34\rangle[34][35]\langle 36\rangle\dots\langle\!\langle 11\,\text{terms}\rangle\!\rangle\dots-1/4\langle 23\rangle\langle 24\rangle[24]\langle 45\rangle\langle 46\rangle)}{[14]\langle 1|2+3|4]\langle 2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{\langle 36\rangle(9/4\langle 24\rangle^2[24]^3\langle 46\rangle\dots\langle\!\langle 17\,\text{terms}\rangle\!\rangle\dots+1\langle 12\rangle^2[12]^2\langle 23\rangle\langle 36\rangle)}{\langle 56\rangle\langle 1|2+3|4]\langle 2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{[45](3/2\langle 24\rangle[24]^2\langle 34\rangle^2[35]\dots\langle\!\langle 9\,\text{terms}\rangle\!\rangle\dots+3/4[12]^2\langle 13\rangle\langle 14\rangle\langle 24\rangle[45])}{[56]\langle 1|2+3|4]\langle 2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{-1/8\langle 14\rangle^2[14]^2[25]\langle 36\rangle\dots\langle\!\langle 54\,\text{terms}\rangle\!\rangle\dots-1/2\langle 13\rangle[13]\langle 23\rangle[23]\langle 25\rangle\langle 36\rangle}{\langle 1|2+3|4]\langle 2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{(s_{14}-s_{23})(-1/8\langle 14\rangle^2[14]^2[25]\langle 36\rangle\dots\langle\!\langle 32\,\text{terms}\rangle\!\rangle\dots-9/8[12]\langle 12\rangle^2[12]\langle 13\rangle[35]\langle 36\rangle)}{\langle 56\rangle[56]\langle 1|2+3|4]\langle 2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{1/2\langle 23\rangle[24][35]\langle 36\rangle+1/2\langle 23\rangle[24][25]\langle 26\rangle+1/2\langle 23\rangle[24][25]\langle 45\rangle\langle 46\rangle-5/2[12]\langle 13\rangle\langle 26\rangle[45]}{\langle 12\rangle[14]\langle 1|2+3|4]\langle 2|1+4|3]}+$$

$$\frac{-2\langle 13\rangle^2[13][35]\langle 36\rangle\dots\langle\!\langle 22\,\text{terms}\rangle\!\rangle\dots+2\langle 14\rangle\langle 24\rangle[24]\langle 36\rangle[45]}{\langle 12\rangle\langle 56\rangle[56]\langle 1|2+3|4]\langle 2|1+4|3]}+$$

$$\frac{-1/2\langle 13\rangle[13]\langle 25\rangle\langle 36\rangle\dots\langle\!\langle 4\,\text{terms}\rangle\!\rangle\dots+1/2\langle 24\rangle[24][25]\langle 26\rangle}{\langle 14\rangle[14]\langle 1|2+3|4]\langle 2|1+4|3]}+$$

$$\frac{-2\langle 14\rangle[35]\langle 36\rangle\langle 1|5+6|1]}{\langle 12\rangle\langle 56\rangle[56]\langle 1|2+3|4]\langle 2|1+4|3]}+$$

$$\frac{[45](2[12]\langle 13\rangle\langle 24\rangle\langle 26\rangle\dots\langle\!\langle 3\,\text{terms}\rangle\!\rangle\dots+2\langle 12\rangle^2[12]\langle 23\rangle\langle 46\rangle)}{\langle 12\rangle\langle 56\rangle[56]\langle 2|1+3|4]\langle 1|2+3|4]}+$$

$$\frac{-21/8\langle 14\rangle[15]\langle 36\rangle\dots\langle\!\langle 3\,\text{terms}\rangle\!\rangle\dots-1\langle 34\rangle[45]\langle 46\rangle}{\langle 12\rangle\langle 56\rangle[56]\langle 2|1+4|3]}+$$

$$\frac{1/2\langle 13\rangle[23]\langle 36\rangle[45]\langle 3|1+4|2]}{\langle 1|2+3|4]^2\Delta_{14|23|56}}+$$

$$\frac{-1/2[12]\langle 13\rangle\langle 24\rangle[36]\langle 45](s_{123}-s_{234})}{[14]\langle 1|2+3|4]^2\Delta_{14|23|56}}+$$

$$\frac{\langle 13\rangle(5\langle 13\rangle\langle 24\rangle[24][45]\langle 46\rangle\dots\langle\!\langle 12\,\text{terms}\rangle\!\rangle\dots+1\langle 12\rangle\langle 23\rangle[23][25]\langle 36\rangle)}{\langle 12\rangle^2\langle 56\rangle[56]\langle 1|2+3|1]\langle 1|2+3|4]}+$$

$$\frac{\langle 13\rangle(-3\langle 14\rangle\langle 36\rangle[45]-9\langle 13\rangle\langle 25\rangle\langle 26\rangle-7\langle 13\rangle[45]\langle 46\rangle-7\langle 13\rangle[15]\langle 16\rangle)}{\langle 12\rangle^2\langle 56\rangle[56]\langle 1|2+3|4]}+$$

$$\frac{3[12]\langle 13\rangle^2[15]\langle 16\rangle}{\langle 12\rangle\langle 14\rangle[14]\langle 1|5+6|1]\langle 1|2+3|4]}+$$

$$\frac{2[12]\langle 13\rangle\langle 16\rangle[45]}{\langle 12\rangle[14]\langle 1|2+4|3]\langle 1|2+3|4]}+$$

$$\frac{-2[12]\langle 13\rangle\langle 16\rangle^2}{\langle 12\rangle\langle 56\rangle\langle 1|2+4|3]\langle 1|2+3|4]}+$$

$$\frac{1\langle 12\rangle[24][25]\langle 34\rangle\langle 36\rangle\dots\langle\!\langle 5\,\text{terms}\rangle\!\rangle\dots-1[12]\langle 13\rangle^2[35]\langle 36\rangle}{\langle 12\rangle\langle 14\rangle[14]\langle 1|2+3|1]\langle 1|2+3|4]}+$$

$$\frac{\langle 36\rangle(1\langle 23\rangle[24][25]-1[12]\langle 13\rangle[45])}{\langle 12\rangle[14]\langle 1|2+3|1]\langle 1|2+3|4]}+$$

$$\frac{107/8\langle 13\rangle[25]\langle 36\rangle}{\langle 12\rangle\langle 56\rangle[56]\langle 1|2+3|4]}+$$

$$\frac{-2\langle 14\rangle\langle 16\rangle\langle 3|1+4|5]}{\langle 12\rangle^2\langle 56\rangle[56]\langle 1|2+4|3]}+$$

$$\frac{\langle 13\rangle(5\langle 13\rangle[15]\langle 46\rangle+1\langle 23\rangle[25]\langle 46\rangle-1\langle 24\rangle[25]\langle 36\rangle-1\langle 34\rangle[45]\langle 46\rangle)}{\langle 12\rangle^2\langle 56\rangle[56]\langle 1|2+3|1]}+$$

$$\frac{2[12]\langle 13\rangle[15]\langle 16\rangle}{\langle 12\rangle\langle 14\rangle[14]\langle 1|5+6|1]}+$$

$$\frac{-2\langle 16\rangle[25]\langle 34\rangle}{\langle 12\rangle\langle 56\rangle[56]\langle 1|2+4|3]}$$