

$$\begin{aligned}
& \frac{-3\langle 24 \rangle \langle 26 \rangle [25] [12]^2 s_{134}}{[13] \langle 25+6 \rangle [2]^3 \langle 21+4 \rangle [3]} + \\
& (123456 \rightarrow \overline{432165}) + \\
& \frac{[25][12] \langle 24 \rangle (-4\langle 13 \rangle \langle 23 \rangle [35][13] \dots \langle 4 \text{ terms} \rangle \dots + 4\langle 14 \rangle [15][14] \langle 12 \rangle)}{[56] \langle 25+6 \rangle [2]^2 \langle 21+4 \rangle [3]^2} + \\
& \frac{[25][12] \langle 24 \rangle (1/2[23][13] \langle 23 \rangle [45] \langle 34 \rangle \dots \langle 3 \text{ terms} \rangle \dots + 1/2\langle 13 \rangle [13] \langle 23 \rangle [35][12])}{[13][56] \langle 25+6 \rangle [2]^2 \langle 21+4 \rangle [3] \langle 21+3 \rangle [2]} + \\
& \frac{[25][12] (1\langle 14 \rangle [15][14] \langle 24 \rangle \dots \langle 6 \text{ terms} \rangle \dots - 3\langle 24 \rangle \langle 13 \rangle [15][13])}{[13][56] \langle 25+6 \rangle [2]^2 \langle 21+4 \rangle [3]} + \\
& \frac{[25] \langle 24 \rangle [12] (-1/2[25] \langle 34 \rangle [14] + 1/2\langle 13 \rangle [15][12])}{[13][56] \langle 25+6 \rangle [2]^2 \langle 21+3 \rangle [2]} + \\
& \frac{6\langle 24 \rangle^2 \langle 26 \rangle [35][24] s_{134}}{\langle 12 \rangle \langle 21+4 \rangle [3]^3 \langle 25+6 \rangle [2]} + \\
& \frac{[35] (-3\langle 13 \rangle \langle 23 \rangle [25][13]^2 \dots \langle 11 \text{ terms} \rangle \dots + 1\langle 24 \rangle [14][25][12] \langle 12 \rangle)}{[34][56] \langle 25+6 \rangle [2] \langle 21+4 \rangle [3]^2} + \\
& \frac{\langle 24 \rangle [25][12] (-1/2[34] \langle 24 \rangle \langle 14 \rangle [14][45] \dots \langle 3 \text{ terms} \rangle \dots - 1/2\langle 14 \rangle [14]^2 [35] \langle 12 \rangle)}{\langle 12 \rangle [13][34][56] \langle 21+3 \rangle [2] \langle 25+6 \rangle [2] \langle 21+4 \rangle [3]} + \\
& \frac{[45] (-3\langle 14 \rangle [13][15][12] \langle 12 \rangle \dots \langle 10 \text{ terms} \rangle \dots - 1/2[24][13][25] \langle 24 \rangle^2)}{\langle 12 \rangle [13][34][56] \langle 25+6 \rangle [2] \langle 21+4 \rangle [3]} + \\
& \frac{[35] (-1/2\langle 14 \rangle [14]^2 [25] \langle 24 \rangle \dots \langle 7 \text{ terms} \rangle \dots - 1/2[13] \langle 23 \rangle^2 [25][23])}{\langle 12 \rangle [13][34][56] \langle 25+6 \rangle [2] \langle 21+4 \rangle [3]} + \\
& \frac{1/2[45]^2 \langle 41+3 \rangle [2] \langle 23 \rangle}{\langle 12 \rangle [34][56] \langle 25+6 \rangle [2] \langle 21+3 \rangle [4]} + \\
& \frac{[25][12] (1/2\langle 24 \rangle [45] \langle 23 \rangle [23] - 1/2\langle 14 \rangle [45][14] \langle 24 \rangle - 1/2[45] \langle 34 \rangle \langle 12 \rangle [13] + 1/2[14] \langle 34 \rangle [35] \langle 12 \rangle)}{\langle 12 \rangle [13][34][56] \langle 21+3 \rangle [2] \langle 25+6 \rangle [2]} + \\
& \frac{6[34] \langle 24 \rangle \langle 26 \rangle s_{124} \langle 34 \rangle [35]}{\langle 12 \rangle \langle 21+4 \rangle [3]^3 \langle 35+6 \rangle [3]} + \\
& \frac{-6\langle 26 \rangle s_{134} [35] \langle 24 \rangle}{\langle 12 \rangle \langle 21+4 \rangle [3]^3} + \\
& \frac{6\langle 24 \rangle [23] \langle 26 \rangle \langle 23 \rangle [35]}{\langle 12 \rangle \langle 21+4 \rangle [3]^3} + \\
& \frac{-6\langle 23+4 \rangle [1] \langle 26 \rangle [35][23]}{[34] \langle 21+4 \rangle [3]^3} + \\
& \frac{\langle 36 \rangle \langle 34 \rangle [35] \langle 414 \rangle [34][14] \langle 24 \rangle + 4[24][34] \langle 24 \rangle^2 - 4[13][12] \langle 12 \rangle^2}{\langle 12 \rangle \langle 21+4 \rangle [3]^2 \langle 35+6 \rangle [3]^2} + \\
& \frac{[35] (-1[24]^2 \langle 23 \rangle [35] \langle 24 \rangle^2 \dots \langle 15 \text{ terms} \rangle \dots - 4[34] \langle 24 \rangle \langle 14 \rangle [14][45] \langle 34 \rangle)}{\langle 12 \rangle [34][56] \langle 21+4 \rangle [3]^2 \langle 35+6 \rangle [3]} + \\
& \frac{[35] (-5/3[15][12] \langle 12 \rangle^3 \dots \langle 13 \text{ terms} \rangle \dots - 11/3\langle 24 \rangle \langle 14 \rangle [14][45] \langle 12 \rangle)}{\langle 12 \rangle^2 [34][56] \langle 21+4 \rangle [3]^2} + \\
& \frac{8/3 \langle 12+3 \rangle [4] \langle 26 \rangle [35][23]^2}{[34]^2 \langle 12+4 \rangle [3]^2 \langle 21+4 \rangle [3]} + \\
& \frac{\langle 14 \rangle [35] (-8/3[34][23] \langle 26 \rangle \langle 13 \rangle \langle 23 \rangle \dots \langle 4 \text{ terms} \rangle \dots + 1/2[23] \langle 26 \rangle \langle 23 \rangle \langle 12 \rangle [24])}{\langle 12 \rangle^2 [34] \langle 12+4 \rangle [3] \langle 21+4 \rangle [3] \langle 35+6 \rangle [3]} + \\
& \frac{\langle 14 \rangle \langle 43 \rangle [34]^2 \langle 24 \rangle \langle 26 \rangle \langle 13 \rangle [35] \dots \langle 5 \text{ terms} \rangle \dots + 13/6[23] \langle 26 \rangle [13][45] \langle 12 \rangle^2}{\langle 12 \rangle^2 \langle 24 \rangle [34]^2 \langle 12+4 \rangle [3] \langle 21+4 \rangle [3]} + \\
& \frac{\langle 36 \rangle \langle 34 \rangle [35] \langle 92 \rangle \langle 14 \rangle [14] \langle 24 \rangle + 9/2[24] \langle 24 \rangle^2 - 3/2\langle 24 \rangle [12] \langle 12 \rangle + 1[13] \langle 34 \rangle \langle 12 \rangle}{\langle 12 \rangle \langle 24 \rangle \langle 21+4 \rangle [3] \langle 35+6 \rangle [3]^2} + \\
& \frac{\langle 34 \rangle \langle 46 \rangle [35] \langle 134 \rangle [14] - 1\langle 23 \rangle [12]}{\langle 24 \rangle \langle 21+4 \rangle [3] \langle 35+6 \rangle [3]^2} + \\
& \frac{[35] \langle 52 \rangle [13][14] \langle 34 \rangle^2 [35] \langle 12 \rangle^2 \dots \langle 10 \text{ terms} \rangle \dots + 8/3\langle 24 \rangle \langle 13 \rangle^2 [13]^2 \langle 23 \rangle [35])}{\langle 12 \rangle^2 [13] \langle 24 \rangle [34][56] \langle 21+4 \rangle [3] \langle 35+6 \rangle [3]} + \\
& \frac{[45] (-1[34]^2 \langle 34 \rangle^2 [35] \langle 24 \rangle \dots \langle 9 \text{ terms} \rangle \dots + 9/2\langle 14 \rangle [13][14] \langle 34 \rangle [35] \langle 12 \rangle)}{\langle 12 \rangle^2 [13][34][56] \langle 21+4 \rangle [3] \langle 35+6 \rangle [3]} + \\
& \frac{[45] \langle 76 \rangle [34] \langle 24 \rangle^2 \langle 14 \rangle [14][35] \dots \langle 17 \text{ terms} \rangle \dots - 4/3\langle 14 \rangle [13]^2 [15] \langle 12 \rangle^2}{\langle 12 \rangle^2 [13] \langle 24 \rangle [34]^2 [56] \langle 21+4 \rangle [3]} + \\
& \frac{[35] (-3/2\langle 24 \rangle [14][12][35] \langle 12 \rangle^2 \dots \langle 8 \text{ terms} \rangle \dots + 1\langle 24 \rangle \langle 14 \rangle [14]^2 [35] \langle 12 \rangle)}{\langle 12 \rangle^2 [13] \langle 24 \rangle [34]^2 [56] \langle 21+4 \rangle [3]} + \\
& \frac{-4/3[13][15][25] \langle 12 \rangle}{\langle 24 \rangle [34]^2 [56] \langle 21+4 \rangle [3]} + \\
& \frac{1/2[34] \langle 14 \rangle^2 \langle 36 \rangle s_{124} [35]}{\langle 12 \rangle^2 [13] \langle 12+4 \rangle [3]^2 \langle 35+6 \rangle [3]} + \\
& \frac{-1/2\langle 24 \rangle [23]^2 \langle 36 \rangle [35][24]}{[13][34] \langle 12+4 \rangle [3]^2 \langle 32+4 \rangle [3]} + \\
& \frac{1/2\langle 14 \rangle \langle 36 \rangle s_{124} \langle 34 \rangle [35]}{\langle 12 \rangle \langle 24 \rangle \langle 12+4 \rangle [3] \langle 35+6 \rangle [3]^2} + \\
& \frac{\langle 14 \rangle \langle 36 \rangle (1/2[34] \langle 24 \rangle [35][12] \langle 12 \rangle \dots \langle 4 \text{ terms} \rangle \dots - 1/2[34] \langle 24 \rangle \langle 14 \rangle [13][45])}{\langle 12 \rangle^2 [13] \langle 24 \rangle [34] \langle 12+4 \rangle [3] \langle 35+6 \rangle [3]} + \\
& \frac{\langle 14 \rangle [45] \langle 203 \rangle \langle 14 \rangle \langle 26 \rangle - 17/2\langle 46 \rangle \langle 12 \rangle}{\langle 12 \rangle^2 \langle 24 \rangle [34] \langle 12+4 \rangle [3]} + \\
& \frac{-1/2\langle 14 \rangle \langle 36 \rangle^2 [23]}{\langle 12 \rangle \langle 56 \rangle \langle 12+4 \rangle [3] \langle 32+4 \rangle [3]} + \\
& \frac{-1/2[24] \langle 36 \rangle \langle 46 \rangle [23]}{[34] \langle 56 \rangle \langle 12+4 \rangle [3] \langle 32+4 \rangle [3]} + \\
& \frac{[45] \langle 53 \rangle \langle 24 \rangle \langle 14 \rangle [14] \langle 34 \rangle [35] \dots \langle 10 \text{ terms} \rangle \dots + 1\langle 14 \rangle [13][15] \langle 34 \rangle \langle 12 \rangle)}{\langle 12 \rangle^2 [13] \langle 24 \rangle [34][56] \langle 35+6 \rangle [3]} + \\
& \frac{[35] (-19/6\langle 24 \rangle \langle 13 \rangle [13] \langle 23 \rangle [25] \dots \langle 9 \text{ terms} \rangle \dots - 1\langle 24 \rangle \langle 13 \rangle [15][12] \langle 12 \rangle)}{\langle 12 \rangle^2 [13] \langle 24 \rangle [34][56] \langle 35+6 \rangle [3]} + \\
& \frac{-1/2\langle 36 \rangle^2 [23]}{\langle 12 \rangle [34] \langle 56 \rangle \langle 32+4 \rangle [3]} + \\
& \frac{-1/2\langle 23 \rangle [35][25][12]}{\langle 12 \rangle [13][34][56] \langle 21+3 \rangle [2]}
\end{aligned}$$