

$$\begin{aligned}
& \frac{\langle 26 \rangle [15] \langle 261 / 92 [13] [14]^2 [14] \dots \langle 8 \text{ terms} \rangle \dots + 261 / 92 [12] [23] \langle 12 \rangle \langle 24 \rangle}{(2 | 1 + 4 | 3)^3} + \\
& \frac{\langle 24 \rangle \langle 26 \rangle^2 (-261 / 92 [23]^3 \langle 23 \rangle^2 + 261 / 46 [23] \langle 24 \rangle [13] [24] [13] - 261 / 92 [24] [13] \langle 14 \rangle^2 [14])}{(12) \langle 56 \rangle (2 | 1 + 4 | 3)^3} + \\
& \frac{\langle 26 \rangle^2 (783 / 92 [24] \langle 34 \rangle [14] [13]^2 \dots \langle 3 \text{ terms} \rangle \dots + 783 / 92 [23] \langle 34 \rangle \langle 24 \rangle [24] [13])}{(56) (2 | 1 + 4 | 3)^3} + \\
& - \frac{145 / 46 [35] \langle 34 \rangle^2 \langle 12 \rangle^3 [24] \langle 46 \rangle [13]^2 \dots \langle 103 \text{ terms} \rangle \dots - 203 / 46 [12] [23]^2 [35] \langle 23 \rangle^2 \langle 24 \rangle \langle 12 \rangle^2 \langle 46 \rangle}{(12) \langle 24 \rangle \langle 56 \rangle [56] (1 | 2 + 4 | 3) (2 | 1 + 4 | 3)^2} + \\
& \frac{-261 / 184 \langle 26 \rangle [23]^4 [35] \langle 23 \rangle^3}{[34] \langle 56 \rangle [56] (1 | 2 + 4 | 3) (2 | 1 + 4 | 3)^2} + \\
& \frac{9 / 2 [12]^2 [35] \langle 26 \rangle \langle 24 \rangle^2 \langle 13 \rangle^2 [34]^2 \dots \langle 19 \text{ terms} \rangle \dots + 9 / 4 [45] \langle 34 \rangle \langle 24 \rangle^2 \langle 14 \rangle [24] [34]^2 \langle 46 \rangle [14]}{(12) [34] \langle 56 \rangle [56] (2 | 1 + 4 | 3)^2 [3 | 5 + 6 | 3]} + \\
& \frac{-3 / 2 [12] \langle 23 \rangle \langle 26 \rangle [25] \langle 4 | 1 + 3 | 2 \rangle}{(2 | 5 + 6 | 2)^2 (2 | 1 + 4 | 3)} + \\
& \frac{3 / 4 [12] \langle 34 \rangle \langle 23 \rangle \langle 26 \rangle [13] [25] [34] [13]}{(2 | 5 + 6 | 2)^2 (2 | 1 + 4 | 3) (2 | 1 + 3 | 4)} + \\
& \frac{[12] \langle 24 \rangle [25]^2 \langle 23 \rangle (3 / 2 [13] [13] - 3 / 4 [24] \langle 24 \rangle)}{[56] (2 | 5 + 6 | 2)^2 (2 | 1 + 4 | 3)} + \\
& \frac{3 / 4 [12] \langle 34 \rangle \langle 26 \rangle s_{134} [25]}{(2 | 5 + 6 | 2)^2 (2 | 1 + 4 | 3)} + \\
& \frac{-3 / 4 [12] \langle 26 \rangle \langle 24 \rangle [13] [14] [25] [14]^2}{(2 | 5 + 6 | 2)^2 (2 | 1 + 4 | 3) (2 | 1 + 3 | 4)} + \\
& \frac{\langle 13 \rangle [13] (-135 / 184 [35] \langle 13 \rangle^3 [34] \langle 46 \rangle [13]^2 \dots \langle 3 \text{ terms} \rangle \dots + 111 / 184 \langle 16 \rangle [35] \langle 13 \rangle^3 [13]^3)}{(12) [34] \langle 56 \rangle [56] (1 | 2 + 4 | 3) (2 | 1 + 4 | 3) (3 | 5 + 6 | 3)} + \\
& - \frac{65 / 184 [12]^3 [35] \langle 24 \rangle \langle 36 \rangle (12) \langle 14 \rangle [34]^2 \dots \langle 32 \text{ terms} \rangle \dots + 41 / 46 [23] [35] \langle 34 \rangle \langle 36 \rangle \langle 13 \rangle^2 [34] [13]^3}{[13] [34] \langle 56 \rangle [56] (1 | 2 + 4 | 3) (2 | 1 + 4 | 3) (3 | 5 + 6 | 3)} + \\
& \frac{3 / 23 [35] \langle 34 \rangle [13]^3 \langle 46 \rangle [13]^3}{\langle 24 \rangle \langle 56 \rangle [56] (1 | 2 + 4 | 3) (2 | 1 + 4 | 3) (3 | 5 + 6 | 3)} + \\
& - \frac{2237 / 184 \langle 26 \rangle \langle 24 \rangle^2 \langle 14 \rangle^2 [24] [25] [14] \dots \langle 84 \text{ terms} \rangle \dots - 145 / 184 [23]^2 [35] \langle 34 \rangle \langle 23 \rangle^2 \langle 12 \rangle \langle 46 \rangle}{(12) \langle 24 \rangle \langle 56 \rangle [56] (1 | 2 + 4 | 3) (2 | 1 + 4 | 3)} + \\
& \frac{1871 / 184 \langle 16 \rangle [35] \langle 14 \rangle^3 [14]^3 \dots \langle 9 \text{ terms} \rangle \dots - 573 / 184 [23]^2 [35] \langle 23 \rangle \langle 26 \rangle \langle 13 \rangle^2 [13]}{(12) [34] \langle 56 \rangle [56] (1 | 2 + 4 | 3) (2 | 1 + 4 | 3)} + \\
& \frac{\langle 14 \rangle^2 [14] (1065 / 184 [45] \langle 13 \rangle \langle 46 \rangle [13] [14] \dots \langle 3 \text{ terms} \rangle \dots - 13 / 8 [45] \langle 24 \rangle \langle 36 \rangle [24] [13])}{(12) [34] \langle 56 \rangle [56] (2 | 1 + 4 | 3) (3 | 5 + 6 | 3)} + \\
& \frac{471 / 184 [12] [14]^2 \langle 14 \rangle^2 \langle 16 \rangle [15] [13] \dots \langle 33 \text{ terms} \rangle \dots - 2 [45] \langle 34 \rangle \langle 24 \rangle [24]^2 \langle 46 \rangle [13]^2}{[13] [34] \langle 56 \rangle [56] (2 | 1 + 4 | 3) (3 | 5 + 6 | 3)} + \\
& \frac{\langle 34 \rangle (-3 / 4 \langle 36 \rangle \langle 13 \rangle \langle 14 \rangle [15] [13]^2 \dots \langle 5 \text{ terms} \rangle \dots + 1065 / 184 [14]^2 \langle 46 \rangle [15] \langle 14 \rangle^2)}{\langle 24 \rangle \langle 56 \rangle [56] (2 | 1 + 4 | 3) (3 | 5 + 6 | 3)} + \\
& \frac{3 / 4 [12] \langle 34 \rangle \langle 26 \rangle [13] [25] [14]}{(2 | 5 + 6 | 2)^2 (2 | 1 + 3 | 4)} + \\
& \frac{51 / 92 [45] (s_{123} - s_{134}) \langle 26 \rangle \langle 13 \rangle (s_{14} - s_{23}) \langle 4 | 1 + 3 | 2 \rangle [14]}{\Delta_{13 | 24 | 56} (1 | 2 + 4 | 3) (2 | 1 + 3 | 4)^2} + \\
& \frac{\langle 23 \rangle \langle 26 \rangle (-1 / 4 [12] \langle 23 \rangle^2 [24] [34] \langle 46 \rangle \dots \langle 4 \text{ terms} \rangle \dots + 1 / 8 [14]^2 \langle 46 \rangle \langle 13 \rangle^2 [13])}{(12) \langle 56 \rangle (2 | 1 + 3 | 4)^2 (2 | 3 + 4 | 1)} + \\
& \frac{[45] \langle 23 \rangle^2 [15] (1 / 8 \langle 13 \rangle^2 [13]^2 - 1 / 4 [24] \langle 24 \rangle \langle 13 \rangle [13] + 1 / 8 [24]^2 \langle 24 \rangle^2)}{(12) [56] (2 | 1 + 3 | 4)^2 (2 | 3 + 4 | 1)} + \\
& \frac{179 / 368 \langle 26 \rangle \langle 24 \rangle^2 \langle 13 \rangle^2 [24] [25] [13] \dots \langle 39 \text{ terms} \rangle \dots - 341 / 92 [45] [12]^2 \langle 26 \rangle \langle 24 \rangle \langle 13 \rangle \langle 12 \rangle \langle 14 \rangle}{(12) \langle 24 \rangle \langle 56 \rangle [56] (1 | 2 + 4 | 3) (2 | 1 + 3 | 4)} + \\
& - \frac{1775 / 368 [45] \langle 16 \rangle \langle 14 \rangle^3 [14]^3 \dots \langle 5 \text{ terms} \rangle \dots + 143 / 368 [35] \langle 26 \rangle \langle 24 \rangle \langle 13 \rangle^2 [24]^2 [13]}{(12) [34] \langle 56 \rangle [56] (1 | 2 + 4 | 3) (2 | 1 + 3 | 4)} + \\
& \frac{\langle 46 \rangle (-665 / 184 [12]^3 [35] \langle 12 \rangle^2 \langle 23 \rangle - 665 / 184 \langle 14 \rangle^3 [15] [14]^3)}{[13] \langle 24 \rangle \langle 56 \rangle [56] (1 | 2 + 4 | 3) (2 | 1 + 3 | 4)} + \\
& \frac{97 / 1104 [12]^2 [35] (s_{24} - s_{56}) \langle 26 \rangle \langle 13 \rangle (s_{14} - s_{23})}{[13] \Delta_{13 | 24 | 56} (1 | 2 + 4 | 3) (2 | 1 + 3 | 4)} + \\
& \frac{-17 / 184 (3 | 1 + 2 | 3) \langle 36 \rangle [24] (s_{14} - s_{23}) (s_{24} - s_{13}) \langle 46 \rangle}{\langle 56 \rangle \Delta_{13 | 24 | 56} (1 | 2 + 4 | 3) (2 | 1 + 3 | 4)} + \\
& - \frac{71 / 184 \langle 36 \rangle [25] \langle 14 \rangle^3 [14]^3 \dots \langle 87 \text{ terms} \rangle \dots + 213 / 368 [14] \langle 24 \rangle \langle 13 \rangle^2 [24] [25] \langle 46 \rangle [13]}{(1 | 2 + 4 | 3) (2 | 1 + 3 | 4) \Delta_{13 | 24 | 56}} + \\
& \frac{\langle 26 \rangle (3 / 8 \langle 36 \rangle [34]^2 \langle 34 \rangle^2 [14] \dots \langle 12 \text{ terms} \rangle \dots - 1 / 8 [14]^3 \langle 36 \rangle \langle 14 \rangle^2)}{(12) [34] \langle 56 \rangle (2 | 1 + 3 | 4) (2 | 3 + 4 | 1)} + \\
& \frac{[15] (1 / 8 [35] \langle 23 \rangle \langle 13 \rangle^2 [13] [14] \dots \langle 9 \text{ terms} \rangle \dots - 1 / 8 [45] [23]^2 \langle 23 \rangle^3)}{(12) [34] \langle 56 \rangle (2 | 1 + 3 | 4) (2 | 3 + 4 | 1)} + \\
& \frac{\langle 26 \rangle [12] (-1 / 8 \langle 26 \rangle [12]^2 [34] \langle 23 \rangle \dots \langle 4 \text{ terms} \rangle \dots + 3 / 8 [14]^3 \langle 46 \rangle \langle 14 \rangle)}{[13] [34] \langle 56 \rangle (2 | 1 + 3 | 4) (2 | 3 + 4 | 1)} + \\
& \frac{[14]^2 [15] (1 / 4 [14] [15] \langle 14 \rangle^2 + 1 / 2 [14] [35] \langle 34 \rangle \langle 14 \rangle + 1 / 4 [34] [35] \langle 34 \rangle^2)}{[13] [34] \langle 56 \rangle (2 | 1 + 3 | 4) (2 | 3 + 4 | 1)} + \\
& \frac{-97 / 1104 [12]^2 (s_{24} - s_{56}) \langle 26 \rangle \langle 13 \rangle [15]}{[13] \Delta_{13 | 24 | 56} (2 | 1 + 3 | 4)} + \\
& \frac{17 / 184 [12] \langle 23 \rangle \langle 36 \rangle [24] (s_{24} - s_{13}) \langle 46 \rangle}{\langle 56 \rangle \Delta_{13 | 24 | 56} (2 | 1 + 3 | 4)} + \\
& \frac{-1 / 8 [23] [35] \langle 23 \rangle \langle 24 \rangle \langle 14 \rangle [24]^2 \langle 16 \rangle}{(12) [34] (1 | 2 + 4 | 3)^2 (3 | 2 + 4 | 3)} + \\
& \frac{\langle 16 \rangle \langle 14 \rangle (-81 / 92 \langle 23 \rangle^2 [34] \langle 36 \rangle [23]^3 \dots \langle 9 \text{ terms} \rangle \dots - 87 / 184 \langle 24 \rangle \langle 13 \rangle [24]^2 [34] \langle 46 \rangle [13])}{(12) [34] \langle 56 \rangle (1 | 2 + 4 | 3)^2 (3 | 5 + 6 | 3)} + \\
& \frac{\langle 13 \rangle^3 [13]^2 \langle 16 \rangle [23] (87 / 184 [34] \langle 46 \rangle - 111 / 184 \langle 26 \rangle [23])}{(12) [34] \langle 56 \rangle (1 | 2 + 4 | 3)^2 (3 | 5 + 6 | 3)} + \\
& \frac{\langle 16 \rangle \langle 14 \rangle (133 / 276 [24] [34]^2 \langle 46 \rangle \langle 34 \rangle \dots \langle 19 \text{ terms} \rangle \dots + 463 / 276 [23] \langle 23 \rangle [24] [34] \langle 46 \rangle)}{(12) [34] \langle 56 \rangle (1 | 2 + 4 | 3)^2} + \\
& \frac{[23] \langle 13 \rangle \langle 16 \rangle (-127 / 184 [34] [23] \langle 46 \rangle \langle 23 \rangle \dots \langle 3 \text{ terms} \rangle \dots - 21 / 23 [34]^2 \langle 46 \rangle \langle 34 \rangle)}{(12) [34] \langle 56 \rangle (1 | 2 + 4 | 3)^2} + \\
& \frac{[24] [35] \langle 34 \rangle \langle 14 \rangle (-1 / 4 [24] [35] \langle 12 \rangle + 1 / 4 [45] [34] \langle 14 \rangle)}{(12) [34] \langle 56 \rangle (1 | 2 + 4 | 3)^2} + \\
& \frac{\langle 34 \rangle (-3 / 8 [12]^3 [35] \langle 36 \rangle \langle 12 \rangle^3 \langle 14 \rangle \dots \langle 17 \text{ terms} \rangle \dots - 1 / 8 [45] \langle 24 \rangle^2 \langle 36 \rangle \langle 14 \rangle^2 [24]^2 [13])}{(12) \langle 24 \rangle \langle 56 \rangle [56] (1 | 2 + 4 | 3) (3 | 2 + 4 | 3) (3 | 5 + 6 | 3)} + \\
& \frac{3 / 8 \langle 24 \rangle \langle 36 \rangle \langle 14 \rangle^3 [25] [14]^2 \dots \langle 21 \text{ terms} \rangle \dots + 1 / 4 [45] \langle 34 \rangle \langle 24 \rangle \langle 14 \rangle^2 [24] \langle 46 \rangle [14]}{(12) \langle 24 \rangle \langle 56 \rangle [56] (1 | 2 + 4 | 3) (3 | 2 + 4 | 3)} + \\
& \frac{-1 / 4 [45] \langle 24 \rangle \langle 36 \rangle \langle 14 \rangle^2 [24]^2 [13]}{(12) [34] \langle 56 \rangle [56] (1 | 2 + 4 | 3) (3 | 2 + 4 | 3)} + \\
& \frac{[12]^2 (3 / 8 [35] \langle 34 \rangle \langle 12 \rangle \langle 14 \rangle \langle 46 \rangle [14] - 1 / 4 [35] \langle 34 \rangle \langle 24 \rangle \langle 36 \rangle \langle 14 \rangle [34] + 1 [35] \langle 24 \rangle^2 \langle 36 \rangle \langle 14 \rangle [24] - 5 / 4 [23] \langle 24 \rangle^2 \langle 36 \rangle \langle 12 \rangle [25])}{[13] \langle 24 \rangle \langle 56 \rangle [56] (1 | 2 + 4 | 3) (3 | 2 + 4 | 3)} + \\
& \frac{111 / 184 [35] \langle 34 \rangle \langle 36 \rangle \langle 13 \rangle^2 [14] [13]^2 \dots \langle 8 \text{ terms} \rangle \dots - 1161 / 184 [45] \langle 34 \rangle \langle 13 \rangle \langle 14 \rangle^2 \langle 46 \rangle [13] [14]}{(12) \langle 24 \rangle \langle 56 \rangle [56] (1 | 2 + 4 | 3) (3 | 5 + 6 | 3)} + \\
& - \frac{203 / 92 [45] [12] \langle 14 \rangle^3 \langle 16 \rangle [14]^2 \dots \langle 39 \text{ terms} \rangle \dots + 1 / 2 [12] [35] \langle 26 \rangle \langle 24 \rangle \langle 13 \rangle \langle 14 \rangle [24]^2}{(12) [34] \langle 56 \rangle [56] (1 | 2 + 4 | 3) (3 | 5 + 6 | 3)} + \\
& \frac{523 / 92 [12] [14] \langle 36 \rangle \langle 14 \rangle^3 [15] [13] \dots \langle 12 \text{ terms} \rangle \dots + 333 / 184 [45] [23] \langle 34 \rangle^2 \langle 36 \rangle \langle 14 \rangle [13]^2}{[13] \langle 24 \rangle \langle 56 \rangle [56] (1 | 2 + 4 | 3) (3 | 5 + 6 | 3)} + \\
& \frac{87 / 184 [23]^2 \langle 23 \rangle^2 [24] [25] \langle 46 \rangle [13] \dots \langle 71 \text{ terms} \rangle \dots - 77 / 46 [45] [23] \langle 34 \rangle^2 [24] [34] \langle 46 \rangle [13]}{[13] [34] \langle 56 \rangle [56] (1 | 2 + 4 | 3) (3 | 5 + 6 | 3)} + \\
& \frac{3705 / 368 [12] \langle 36 \rangle \langle 12 \rangle \langle 14 \rangle^2 [15] \dots \langle 41 \text{ terms} \rangle \dots - 1193 / 1104 \langle 24 \rangle^2 \langle 13 \rangle [24] [25] \langle 46 \rangle}{(12) \langle 24 \rangle \langle 56 \rangle [56] (1 | 2 + 4 | 3)} + \\
& \frac{2377 / 138 \langle 26 \rangle \langle 24 \rangle \langle 14 \rangle [24]^2 [25] \dots \langle 34 \text{ terms} \rangle \dots - 5009 / 368 [23]^2 \langle 23 \rangle \langle 36 \rangle \langle 12 \rangle [25]}{(12) [34] \langle 56 \rangle [56] (1 | 2 + 4 | 3)} + \\
& \frac{[12] (-3365 / 368 \langle 26 \rangle [12] [15] \langle 14 \rangle^2 \dots \langle 9 \text{ terms} \rangle \dots - 4097 / 552 [35] \langle 34 \rangle \langle 24 \rangle [24] \langle 46 \rangle)}{[13] \langle 24 \rangle \langle 56 \rangle [56] (1 | 2 + 4 | 3)} + \\
& \frac{[12] [23] (1371 / 368 [45] [12] \langle 14 \rangle \langle 26 \rangle \dots \langle 3 \text{ terms} \rangle \dots - 133 / 69 [23] [35] \langle 36 \rangle \langle 23 \rangle)}{[13] [34] \langle 56 \rangle [56] (1 | 2 + 4 | 3)} + \\
& \frac{-97 / 1104 [12]^2 [35] (s_{24} - s_{56}) \langle 13 \rangle \langle 46 \rangle}{[13] \Delta_{13 | 24 | 56} (1 | 2 + 4 | 3)} + \\
& \frac{17 / 184 [23] \langle 34 \rangle \langle 36 \rangle [24] (s_{24} - s_{13}) \langle 46 \rangle}{\langle 56 \rangle \Delta_{13 | 24 | 56} (1 | 2 + 4 | 3)} + \\
& \frac{\langle 26 \rangle (-9 / 8 [12] [23] \langle 36 \rangle \langle 23 \rangle \dots \langle 8 \text{ terms} \rangle \dots - 5 / 8 [12]^2 \langle 36 \rangle \langle 12 \rangle)}{(12) [34] \langle 56 \rangle (2 | 3 + 4 | 1)} + \\
& \frac{[15] (-3 / 8 [45] [34] \langle 34 \rangle^2 \dots \langle 8 \text{ terms} \rangle \dots - 1 / 4 [14] [13] [15] \langle 14 \rangle)}{(12) [34] \langle 56 \rangle (2 | 3 + 4 | 1)} + \\
& - \frac{1 / 8 \langle 34 \rangle \langle 36 \rangle \langle 14 \rangle^3 [15] [14]^2 \dots \langle 3 \text{ terms} \rangle \dots - 1 / 2 [45] [12]^2 \langle 24 \rangle^2 \langle 36 \rangle \langle 13 \rangle \langle 14 \rangle}{(12) \langle 24 \rangle \langle 56 \rangle [56] (3 | 2 + 4 | 3) (3 | 5 + 6 | 3)} + \\
& \frac{5 / 8 [12] \langle 24 \rangle \langle 36 \rangle \langle 13 \rangle \langle 14 \rangle [15] \dots \langle 14 \text{ terms} \rangle \dots - 1 / 8 [12] \langle 34 \rangle \langle 36 \rangle \langle 12 \rangle \langle 14 \rangle [15]}{(12) \langle 24 \rangle \langle 56 \rangle [56] (3 | 2 + 4 | 3)} + \\
& \frac{-1 / 4 \langle 36 \rangle [25] \langle 14 \rangle^2 [14]^2 \dots \langle 27 \text{ terms} \rangle \dots + 1 [45] \langle 34 \rangle \langle 13 \rangle [24] \langle 46 \rangle [13]}{(12) [34] \langle 56 \rangle [56] (3 | 2 + 4 | 3)} + \\
& \frac{[12] (-3 / 8 [12] \langle 24 \rangle \langle 13 \rangle [15] \langle 46 \rangle \dots \langle 5 \text{ terms} \rangle \dots + 1 / 8 [12] \langle 34 \rangle \langle 12 \rangle [15] \langle 46 \rangle)}{[13] \langle 24 \rangle \langle 56 \rangle [56] (3 | 2 + 4 | 3)} + \\
& \frac{[12]^2 [35] (-1 / 4 \langle 26 \rangle [12] \langle 13 \rangle - 1 / 4 [24] \langle 24 \rangle \langle 36 \rangle)}{[13] [34] \langle 56 \rangle [56] (3 | 2 + 4 | 3)} + \\
& (123456 \rightarrow 432165)
\end{aligned}$$