

$$\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 [13] [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}$$