

$$\frac{3\langle 26 \rangle (s_{134} + s_{234}) \langle 24 \rangle [13][35]}{\langle 2 | 1 + 4 | 3 \rangle^4} +$$

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

$$\frac{\langle 26 \rangle (-7/4 [34] \langle 34 \rangle [13]^2 \langle 36 \rangle \langle 12 \rangle^2 \dots \langle 5 \text{ terms} \rangle \dots + 1/4 \langle 26 \rangle [23]^2 \langle 24 \rangle [34] \langle 23 \rangle^2)}{\langle 12 \rangle \langle 24 \rangle [34] \langle 56 \rangle \langle 2 | 1 + 4 | 3 \rangle^2 \langle 2 | 1 + 3 | 4 \rangle} +$$

$$\frac{-1/4 [15]^2 \langle 12 \rangle^2 \langle 4 | 2 + 3 | 1 \rangle}{\langle 24 \rangle [56] \langle 2 | 1 + 4 | 3 \rangle^2 \langle 2 | 1 + 3 | 4 \rangle} +$$

$$\frac{\langle 26 \rangle (-7/4 \langle 14 \rangle \langle 26 \rangle \langle 24 \rangle [12] [34] \dots \langle 10 \text{ terms} \rangle \dots + 1/4 \langle 26 \rangle [23] \langle 24 \rangle [12] \langle 12 \rangle)}{\langle 12 \rangle \langle 24 \rangle [34] \langle 56 \rangle \langle 2 | 1 + 4 | 3 \rangle^2} +$$

$$\frac{-1/4 \langle 46 \rangle^2 [34] \langle 24 \rangle (s_{123} - s_{124})}{\langle 12 \rangle \langle 56 \rangle \langle 2 | 1 + 4 | 3 \rangle^2 \langle 4 | 1 + 2 | 3 \rangle} +$$

$$\frac{[13] \langle 16 \rangle (-3/4 [13] \langle 36 \rangle - 1/4 \langle 46 \rangle [14])}{[34] \langle 56 \rangle \langle 2 | 1 + 4 | 3 \rangle^2} +$$

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

$$\frac{-1/4 \langle 2 | 1 + 3 | 5 \rangle [15] [13] \langle 1 | 3 + 4 | 1 \rangle \langle 23 \rangle}{\langle 24 \rangle [34] [56] \langle 2 | 3 + 4 | 1 \rangle \langle 2 | 1 + 4 | 3 \rangle \langle 2 | 1 + 3 | 4 \rangle} +$$

$$\frac{-1/4 [23] [15] \langle 2 | 1 + 6 | 5 \rangle [13] \langle 23 \rangle^2}{\langle 24 \rangle [34] [56] \langle 2 | 3 + 4 | 1 \rangle \langle 2 | 1 + 4 | 3 \rangle \langle 2 | 1 + 3 | 4 \rangle} +$$

$$\frac{1/4 [15] \langle 34 \rangle [13] \langle 23 \rangle^2 [35]}{\langle 24 \rangle [56] \langle 2 | 3 + 4 | 1 \rangle \langle 2 | 1 + 4 | 3 \rangle \langle 2 | 1 + 3 | 4 \rangle} +$$

$$\frac{[13] \langle 26 \rangle \langle 34 \rangle (169/36 [13] \langle 36 \rangle + 169/36 \langle 46 \rangle [14] + 1/4 [12] \langle 26 \rangle)}{\langle 24 \rangle [34] [56] \langle 2 | 3 + 4 | 1 \rangle \langle 2 | 1 + 4 | 3 \rangle} +$$

$$\frac{\langle 34 \rangle [13] [15] (3/4 \langle 23 \rangle [35] + 1 [45] \langle 24 \rangle)}{\langle 24 \rangle [34] [56] \langle 2 | 3 + 4 | 1 \rangle \langle 2 | 1 + 4 | 3 \rangle} +$$

$$\frac{\langle 26 \rangle (-15/4 [12] [13] \langle 36 \rangle \langle 12 \rangle^2 \dots \langle 9 \text{ terms} \rangle \dots - 3/2 \langle 24 \rangle \langle 46 \rangle [34] [24] \langle 23 \rangle)}{\langle 12 \rangle \langle 24 \rangle [34] \langle 56 \rangle \langle 2 | 1 + 4 | 3 \rangle \langle 2 | 1 + 3 | 4 \rangle} +$$

$$\frac{[15] \langle 23 \rangle (-1/4 [24] \langle 24 \rangle [35] \dots \langle 3 \text{ terms} \rangle \dots - 1/4 \langle 14 \rangle [14] [35])}{\langle 24 \rangle [34] [56] \langle 2 | 1 + 4 | 3 \rangle \langle 2 | 1 + 3 | 4 \rangle} +$$

$$\frac{\langle 26 \rangle (1/4 [12] \langle 26 \rangle \langle 14 \rangle \dots \langle 6 \text{ terms} \rangle \dots - 1/2 [23] \langle 36 \rangle \langle 24 \rangle)}{\langle 12 \rangle \langle 24 \rangle [34] \langle 56 \rangle \langle 2 | 1 + 4 | 3 \rangle} +$$

$$\frac{\langle 46 \rangle \langle 16 \rangle (31/9 [14] \langle 24 \rangle - 7/4 [13] \langle 23 \rangle)}{\langle 12 \rangle \langle 24 \rangle [34] \langle 56 \rangle \langle 2 | 1 + 4 | 3 \rangle} +$$

$$\frac{-3/2 \langle 46 \rangle \langle 16 \rangle \langle 4 | 1 + 2 | 4 \rangle}{\langle 12 \rangle \langle 56 \rangle \langle 1 | 2 + 4 | 3 \rangle \langle 2 | 1 + 4 | 3 \rangle} +$$

$$\frac{-3/2 [25] \langle 34 \rangle [35]}{[56] \langle 1 | 2 + 4 | 3 \rangle \langle 2 | 1 + 4 | 3 \rangle} +$$

$$\frac{97/36 \langle 46 \rangle^2 (s_{123} - s_{124})}{\langle 12 \rangle \langle 56 \rangle \langle 2 | 1 + 4 | 3 \rangle \langle 4 | 1 + 2 | 3 \rangle} +$$

$$\frac{-133/36 \langle 46 \rangle^2 s_{123}}{\langle 12 \rangle \langle 56 \rangle \langle 2 | 1 + 4 | 3 \rangle \langle 4 | 1 + 2 | 3 \rangle} +$$

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

$$\frac{53/18 \langle 34 \rangle^2 [35]^2}{\langle 12 \rangle [56] \langle 2 | 1 + 4 | 3 \rangle \langle 4 | 1 + 2 | 3 \rangle} +$$

$$\frac{-1/4 [15] \langle 2 | 1 + 6 | 5 \rangle [24] [13] \langle 23 \rangle}{[34] [56] \langle 2 | 3 + 4 | 1 \rangle \langle 2 | 1 + 4 | 3 \rangle \langle 2 | 1 + 3 | 4 \rangle} +$$

$$\frac{-1/2 \langle 34 \rangle \langle 26 \rangle [14] \langle 46 \rangle}{\langle 24 \rangle^2 [34] \langle 56 \rangle \langle 2 | 1 + 3 | 4 \rangle} +$$

$$\frac{-3 [25] \langle 34 \rangle [35]}{\langle 24 \rangle [34] [56] \langle 1 | 2 + 4 | 3 \rangle} +$$

$$\frac{53/18 \langle 34 \rangle \langle 46 \rangle^2}{\langle 12 \rangle \langle 24 \rangle \langle 56 \rangle \langle 4 | 1 + 2 | 3 \rangle} +$$

$$\frac{\langle 26 \rangle (-15/4 [12] \langle 36 \rangle \langle 12 \rangle \dots \langle 3 \text{ terms} \rangle \dots + 1/4 \langle 46 \rangle \langle 13 \rangle [14])}{\langle 12 \rangle \langle 24 \rangle [34] \langle 56 \rangle \langle 2 | 1 + 3 | 4 \rangle} +$$

$$\frac{53/18 \langle 46 \rangle \langle 36 \rangle \langle 23 \rangle}{\langle 12 \rangle \langle 24 \rangle \langle 56 \rangle \langle 2 | 1 + 3 | 4 \rangle} +$$

$$\frac{-2 \langle 34 \rangle [45] [15]}{\langle 24 \rangle [34] [56] \langle 2 | 1 + 3 | 4 \rangle} +$$

$$\frac{-3/2 [23] \langle 36 \rangle \langle 16 \rangle}{\langle 12 \rangle [34] \langle 56 \rangle \langle 1 | 2 + 4 | 3 \rangle} +$$

$$\frac{115/36 \langle 16 \rangle \langle 36 \rangle [14]}{\langle 12 \rangle [34] \langle 56 \rangle \langle 2 | 1 + 3 | 4 \rangle}$$