

$$\frac{(6|1+4|5|(s_{124}-s_{134}))(s_{132}-s_{324})(-3/32|12|)(13|)(24) \dots \langle 3 \text{ terms} \rangle \dots -3/16|12| \langle 24 \rangle \langle 34 \rangle |34|)}{(2|1+4|3|\Delta_{14|32|56}^2} +$$

$$\frac{(4|2+3|1|(6|1+4|5|(s_{124}-s_{134}))(3/32|13|)^2|13|^2 \dots \langle 5 \text{ terms} \rangle \dots +3/32|12|^2|12|^2)}{(2|1+4|3|\Delta_{14|32|56}^2} +$$

$$\frac{(s_{124}-s_{134})(4|2+3|1|(s_{13}+s_{12}+s_{34}+s_{24}))(-9/16 \langle 23 \rangle |25| |34| \langle 46 \rangle -9/32|13| |13| |35| \langle 36 \rangle -9/32|12| |12| |35| \langle 36 \rangle)}{(2|1+4|3|\Delta_{14|32|56}^2} +$$

$$\frac{(4|2+3|1|(s_{124}-s_{134}))(9/16|13| \langle 14 \rangle \langle 34 \rangle |34| \langle 36 \rangle |45| +9/16|12|^2|12| |14| |25| \langle 46 \rangle +9/16|14| |14| \langle 24 \rangle |24| |25| \langle 26 \rangle +9/8|12| |13| \langle 14 \rangle |14| |25| \langle 36 \rangle)}{(2|1+4|3|\Delta_{14|32|56}^2} +$$

$$\frac{(24)(1|35| \langle 6|2+3|1| -2|13| |25| \langle 26 \rangle \rangle)}{(2|1+4|3|^2} +$$

$$\frac{-1|23| \langle 26 \rangle (2|1+3|5|(s_{13}-s_{24}))}{(1|2+3|4|(2|1+4|3|^2} +$$

$$\frac{1|23| \langle 26 \rangle^2 (2|5+6|2|(s_{13}-s_{24}))}{(56)(1|2+3|4|(2|1+4|3|^2} +$$

$$\frac{-2(3|1+2|5|^2}{\langle 23 \rangle |56| (1|2+3|4|} +$$

$$\frac{-2|15|^2 \langle 34 \rangle^2}{\langle 23 \rangle |56| \langle 4|2+3|1|} +$$

$$\frac{-1|23| \langle 26 \rangle \langle 46 \rangle (3|1+2|4|}{(56)(1|2+3|4|(2|1+4|3|} +$$

$$\frac{(36)(-1|23| \langle 36 \rangle -2|24| \langle 46 \rangle \rangle)}{(56)(1|2+3|4|} +$$

$$\frac{2|12| \langle 26 \rangle \langle 46 \rangle}{(56)(2|1+4|3|} +$$

$$\frac{2|24| \langle 26 \rangle \langle 46 \rangle (s_{13}-s_{24})}{(56)(1|2+3|4|(2|1+4|3|} +$$

$$\frac{(56)(2|15| \langle 34 \rangle \langle 35 \rangle |35|^2 \dots \langle 8 \text{ terms} \rangle \dots +21/4|14| \langle 24 \rangle |25| \langle 34 \rangle |35|)}{(2|1+4|3|\Delta_{32|14|56}^2} +$$

$$\frac{(s_{134}-s_{124})(15/8|15| \langle 46 \rangle^2 |46| \dots \langle 6 \text{ terms} \rangle \dots -19/8|12| \langle 26 \rangle \langle 34 \rangle |35|)}{(2|1+4|3|\Delta_{32|14|56}^2} +$$

$$\frac{(34)(19/4|12| |35| \langle 36 \rangle -5/4|15| |25| \langle 56 \rangle -7/2|14| |25| \langle 46 \rangle)}{\Delta_{32|14|56}} +$$

$$(123456 \rightarrow -\overline{432165}) +$$

$$\frac{1/2|13| \langle 24 \rangle (6|1+4|5|(s_{35}+s_{36}+s_{25}+s_{26}))(s_{134}-s_{124})}{(2|1+4|3|^2 \Delta_{14|32|56}} +$$

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