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## **Twist-3 effects on the double spin asymmetry $A_{\{LT\}}$ in proton-proton collision.**

*Tuesday, April 12, 2016 4:50 PM (15 minutes)*

We discuss the twist-3 contributions to the double-spin asymmetry  $A_{\{LT\}}$  for light hadron production in collisions between transversely and longitudinally polarized protons. So far only twist-3 effect in the transversely polarized proton have been studied for  $A_{\{LT\}}$ . In this talk, we discuss other possible twist-3 contributions in order to derive the complete leading-order cross section formula for  $A_{\{LT\}}$ .

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