



Contribution ID : 237

Type : Oral talk

The lowest order radiative corrections to the lepton current in polarized SIDIS

Wednesday, 30 November 2022 12:30 (15)

The lowest order radiative corrections to the lepton current in polarized SIDIS are calculated exactly. The contribution of exclusive radiative tail for polarized initial particles are estimated for the first time. Numerical analysis is performed in the frame of the modern JLab kinematic conditions within Wandzura-Wilczek model for SiDIS structure functions and the exclusive radiative tail is estimated using MAID 2007.

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Session Classification : High Energy Physics: Theory

Track Classification : High energy physics: theory