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

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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.

Primary author(s) :Dr. ILYICHEV, Alexander (BSU, INP BSU)Presenter(s) :Dr. ILYICHEV, Alexander (BSU, INP BSU)Session Classification :High Energy Physics: Theory

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