

Understanding the Helicity Structure of Deeply Virtual Compton Scattering.

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Abstract

Deeply virtual Compton scattering (DVCS) has received a lot of attention as a process to understand the transverse structure of nucleons. One feature of this cross section is the contamination from the Bethe-Heitler piece, which results in cumbersome expressions. In this talk, I will discuss the helicity amplitude formalism in DVCS and its relevance in phenomenological applications.