

Abstract Submitted
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Kinematic Issue of GPDs in DVCS¹ CHUENG-RYONG JI, North Carolina State University, BERNARD BAKKER, Vrije Universiteit — Generalized Parton Distributions (GPDs) in Deeply Virtual Compton Scattering (DVCS) have been widely recognized and used as a useful tool to explore the quark and gluon structure of the target hadrons. However, we recently pointed out treacherous kinematic issue in analyzing DVCS in terms of GPDs. In this talk, we present our key findings in the simplest possible level of complete amplitude including the lepton current. Implication in the Jefferson Lab experiment of DVCS will also be discussed.

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