

Abstract Submitted
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Near Threshold Pion Electroproduction at High Q^2 ¹ PUNEET KHETARPAL, Rensselaer Polytechnic Institute, CLAS COLLABORATION — Near threshold pion electroproduction as a function of Q^2 can be written in terms of new form factors. These new generalized form factors $G_1^{\pi N}$ and $G_2^{\pi N}$ have been predicted using light cone sum rules in the chiral limit for the reactions $ep \rightarrow eN\pi$ in the Q^2 1-10 GeV² range. It's an experiment at Jefferson Lab that has been conducted using the CLAS spectrometer to measure near threshold pion electroproduction as a function of Q^2 . The differential cross sections and the extracted electromagnetic multipoles and form factors will be presented.

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Puneet Khetarpal
Rensselaer Polytechnic Institute

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