Abstract Submitted
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The Study of the D(e,e'p)n Reaction at High Four- Momentum Transfer[1] HARI KHANAL, Florida International University — D(e,e'p)n reaction mechanism studies at high four -momentum transfer Q^2 are very important to understand the dynamics of the two nucleons at very short space time separation. The E01-020 experiment, carried out in HallA at Jefferson Lab, aimed at determining D(e,e'p)n cross sections for several values of constant Q^2 over wide range of kinematic settings. The angular distribution of the recoiling neutron at Q^2, 0.8 and 2.1 $(GeV/c)^2$ as a function of missing momenta and absolute differential cross section of electro-disintegration of deuteron as a function of recoiling momenta will be presented at Aps April Meeting held at Colorado, Denver.

[1]DOE (Department of Energy)

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