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Spin Structure of the Deuteron - New Results from CLAS
NEVZAT GULER, Old Dominion University, Physics Department , CLAS COLLABORATION — The EG1B experiment, which was carried out at Jefferson Lab using the CLAS detector, measured double polarization asymmetries in the nucleon resonance region and above ($1.08GeV < W < 3.0GeV$). We used a longitudinally polarized electron beam of various energies incident on longitudinally polarized proton and deuteron targets. The large kinematic coverage of the experiment ($0.05GeV^2 < Q^2 < 5.0GeV^2$) will help us to understand the spin structure of the nucleon especially in the transition region between the hadronic degrees of freedom and the quark-gluon degrees of freedom. In this presentation new preliminary results on A_1 and A_2 for the deuteron will be shown.

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