

Abstract Submitted
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New Measurements of the Proton Double-Spin Asymmetries A_1 and A_2 In and Above the Resonance Region¹ ROBERT FERSCH, College of William and Mary, CLAS COLLABORATION — The CLAS (CEBAF Large Acceptance Spectrometer) EG1b experiment in Hall-B at Jefferson Laboratory utilized a polarized electron beam at various (1.6, 2.5, 4.2, 5.6 GeV) energies and polarized frozen NH₃ and ND₃ targets to measure target and double-polarization asymmetries of inclusive and exclusive electron-nucleon scattering events. The polarized proton double-spin asymmetries A_1 (for $0.05 \text{ GeV}^2 < Q^2 < 4.0 \text{ GeV}^2$) and A_2 (for $0.15 \text{ GeV}^2 < Q^2 < 2.0 \text{ GeV}^2$) have been extracted from a combined analysis of the data at the four beam energies. Preliminary results for A_1 and A_2 in the specified ranges will be shown.

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