

Abstract Submitted  
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**Spin Structure in the Resonance Region** FRANK R. WESSELMANN, Norfolk State University, JEFFERSON LAB RSS COLLABORATION — The RSS collaboration has measured the spin structure functions of the proton and the deuteron at Jefferson Lab using the lab's polarized electron beam, the Hall C HMS spectrometer and the UVa polarized solid target. The asymmetries  $A_{\parallel}$  and  $A_{\perp}$  were measured at the elastic peak and in the region of the nucleon resonances ( $0.70 \text{ GeV} < W < 1.98 \text{ GeV}$ ) at an average four momentum transfer of  $Q^2 = 1.3 \text{ GeV}^2$ . The extracted spin structure functions and their kinematic dependence make a significant contribution in the study of higher-twist effects and polarized duality tests.

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