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Spin structure functions at CLAS

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The CLAS Collaboration at Jefferson Lab has a sustained and comprehensive program measuring the spin structure function g_1 for the proton and deuteron at low and intermediate Q2. Precise data with extensive kinematic coverage allow us to better constrain the polarized parton distributions and to accurately determine various moments of g_1 as a function of Q2. Our latest results will be shown, emphasizing comparisons with NLO global fits, chiral perturbation theory,
higher-twist expectations, the GDH and Bjorken sum rules, and hydrogen hyperfine splittings.

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