

Recent COMPASS Results On The Polarised Structure Function g_1^d Of The Deuteron

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The study of the spin dependent structure functions of the deuteron is part of a broad physics program addressed by the COMPASS collaboration at CERN. The longitudinal spin asymmetry A_1^d is evaluated from data on inelastic scattering of longitudinally polarised muons off a large ^6LiD polarised target. Recent results on g_1^d both for low and high Q^2 are presented. The obtained value for the first moment Γ_1^d is also shown.