

Overview of Spin Structure Program at Jefferson Lab

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Summary

An extensive experimental program to study spin physics at low and moderate four-momentum transfer, Q^2 , has been pursued by Jefferson Lab during the last 15 years, with complementary measurements taking place in all 3 experimental halls. Our inclusive and semi-inclusive data with high statistical precision and extensive kinematic coverage allow us to better constrain the polarized parton distributions, to accurately determine various moments of spin structure functions, to test the spin content of valent quarks, and to investigate the effects of resonance excitations and higher twist, dominant in this kinematic regime. Highlights from 6 GeV experimental program will be shown

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