

Abstract

Various QCD analysis of the world unpolarized and polarized deep-inelastic data on charged lepton-nucleon and neutrino-nucleus scattering were performed in order to measure the QCD scale Λ_{QCD} and $\alpha_s(M_z)$, from the nucleon structure functions. In this talk I will give a brief overview on the status of these analysis. Also I will present our results for the values of Λ_{QCD} and $\alpha_s(M_z)$ in based on the polynomials expansion method.