Scale Dependence of QCD String Operators ◇

N. Kivel and L. Mankiewicz

We have obtained a general solution of evolution equations for QCD twist-2 string operators in form of expansion over complete set of orthogonal eigenfunctions of evolution kernels in coordinate-space representation. In the leading logarithmic approximation the eigenfunctions can be determined using constraints imposed by conformal symmetry. Explicit formulae for the LO scale-dependence of quark and gluon twist-2 string operators are given.

published in: Phys. Lett. **B458** (1999)

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The Spin Structure of Constituent Quarks ◇

S. D. Bass

We review the theory and present status of the proton spin problem and discuss how the spin structure of constituent quarks is manifest in polarized deep-inelastic scattering.

published in Czechoslovak Journal of Physics **49** (1999)

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A Sketch of Two and Three Bodies

H. Grießhammer

A cartoon of the Effective Field Theory of many nucleon systems is drawn, concentrating on Compton scattering in the two-nucleon system and on *nd* scattering in the three-body system.