Sum rules

References

[1] Bo-qiang Ma, Aug. 1994, HEP-PH/940422.
Parton sum rules and the nucleon structure function.

[2] Ian Hinchliffe, A. Kwiatkowski, Preprint LBL-38549, April 1996, HEP-PH/9604210.
Parton model sum rules.

[3] M. C. Birse, B. Krippa, Preprint MC-TH-96-12, March 1996, HEP-PH/9603387.
Chiral symmetry and QCD sum rules for the nucleon mass in matter.

[4] R. Oehme, Wen-tao Xu, Preprint EFI–96-09, April 1996, HEP-TH/9604021.
Asymptotic limit and sum rules for the quark propagator.

[5] R.L. Jaffe, N. Saito, Preprint MIT-CPT-2519, April 1996, HEp-PH/9604220.
QCD selection rules in polarized hadron collisions.

[6] A.V. Belitsky, O.V. Teryaev, Preprint JINR-E2-95-374, HEP-PH/9512402, Dec. 1995.
QCD sum rules calculation of the singlet axial constant.

[7] G.G.Ross, N. Chamoun, HEP-PH-9601334, Jan. 1996.
Determination of leading twist nonsinglet operator matrix elements by QCD sum rules.

[8] M. Stratmann, A. Weber, W. Vogelsang, Phys. Rev. **D53** , 138, 1996.
Spin dependent non-singlet structure function in next-to-leading order.

[9] W.Y.P. Hwang, Preprint MIT-CTP-2498, Jan. 1996, HEp-PH/9601219.
QCD sum rules and chiral symmetry breaking.

[10] Jian-Jun Yang *et al.* , Preprint BIHEP-TH-95-41, HEP-PH/9601258, Jan. 1996.
Nonpertubative effect in the nucleon structure function and the Gottfried sum.

[11] Jian-Jun Yang *et al.* , Preprint BIHEP-TH-95-41-REV.
Nontrivial Q**2 dependence in the Gottfried sum induced by non-pertubative effect.

[12] C. Weiss, HEP-PH/9604324, Mar. 1996.
Nucleon spin struture from the instanton vacuum.

[13] M.M. Musakkhanov, F.C. Khanna, HEP-PH/9610422, Oct. 1996.
A test of the instanton vacuum chiral quark model with axial anomaly low-energy theorems.

[14] F.X. Lee, D.B. Leinweber, X. Jin, NUCL-TH/9611011, Nov. 1996, submitted to Phys. Rev. D.
New QCD sum rules for nucleon axial vector coupling constants.

[15] Han-xin He, *et al.,* Phys. Rev. **D54,** 6897, 1996, HEP-PH/9607408.
QCD sumrule calculation for the tensor charge of the nucleon.

[16] A.V. Sidorov,D. B. Stamenov, Mod. Phys. Lett. **A11,** 2187, 1996, HEP-PH/9606224.
Constraints on second order fixed points QCD from CCFR data on deep inelastic neutrino scattering.

[17] H. Arenhovel *et al.* NUCL-TH/9701024, MKPH-T-97-1, Jan. 1997.
On the Gerassimov-Drell-Hearn sum rule for the deuteron.

[18] F. Cardelli, *et al.,* Phys. Lett. **B418,** 237, 1998, HEP-PH/9711024.

The nucleon Gerassimov-Drell-Hearn sum rule within a relativistic constituent quark model.

[19] V.M. Belyaev, M. B. Johnson, HEP-PH/9702207, Jan. 1997,.
Distribution of valence quarks and light cone QCD sum rule.

[20] C.G. Boyd *et al.,* Phys. Rev. **D55,** 3027, 1997, HEP-PH/9610518, Corrections to the Bjorken and Voloshin sum rules.

[21] E. Golowich, J. Kambor, Phys. Rev. Lett. 79, 4092, 1997, HEP-PH/9707341, Jul. 1997.
Chiral sum rules to second order in quark mass.

[22] W.X. Ma, *et al.,* Nucl. Phys. **A635,** 497, 1998, NUCL-TH/9712036.
Q^2 dependence of the Gerassimov-Drell-Hearn sum rule.

[23] A. Zhinitsky, HEP-PH/9801228, Jun. 1997.
Quark model, non pertubative wave functions, the QCD sum rules and instantons.

[24] S. Chang, *et al.,* Nucl. Phys. **B528,** 285, 1998, HEP-PH/9803280.
Drell-Yan non singlet spin cross sections and spin asymmetry to $O(\alpha_s^2)$.

[25] V.M. Braun, HEP-PH/9801222, Sept. 1998.
Light cone sum rules.

[26] A.L. Kataev, HEP-PH/9805218, April 1998.
QCD sum rule and hadronic radial excitations of light mesons.

[27] S. Ying, J. Phys. **G22,** 293, 1996, HEP-PH/9807206.
Gerasimov-Drell-Yearn sum rule and the nucleon structure.

[28] HERMES Coll. (K. Ackerstaff, et al.,) DESY-98-122, HEP-PH/9809015, Sept. 1998.
Determination of the deep inelastic contribution to the generalized Gerasimov-Drell-Yearn integral for the proton and the neutron.

[29] E.M. Henley, NUCL-TH/9806104, May 1998.
Flavor asymmetry in Hyperons and Drell-Yan processes.

[30] A.V. Belitsky, HEP-PH/9808389, Aug. 1998.
Two loop renormalization of Wilson loop for Drell-Yan production.

[31] T. D. Cohen, Xiang-dong Ji, Phys. Lett. **B474,** 251, 2000, HEP-PH/9905334.
Drell-Yang- Gerassimov sum rule for the nucleon in the large N(C) limit.

[32] A. Le Yaouanc, *et al.,* HEP-PH/0003087, Mar. 2000.
One interesting sum rule extending Bjorken 's to order 1/M(Q).