

Literaturverzeichnis

- [1] J. D. Bjorken, „Asymptotic sum rules at infinite momentum“, *Phys. Rev.* **179** (1969) 1547–1553.
- [2] R. P. Feynman, „Very high-energy collisions of hadrons“, *Phys. Rev. Lett.* **23** (1969) 1415–1417.
- [3] D. J. Gross and F. Wilczek, „Ultraviolet behavior of nonabelian gauge theories“, *Phys. Rev. Lett.* **30** (1973) 1343.
- [4] G. ’t Hooft and M. Veltman, „Regularization and renormalization of gauge fields“, *Nucl. Phys.* **B44** (1972) 189–213.
- [5] G. ’t Hooft, „Renormalization of massless yang-mills fields“, *Nucl. Phys.* **B33** (1971) 173.
- [6] H. Fritzsch, M. Gell-Mann, and H. Leutwyler, „Advantages of the color octet gluon picture“, *Phys. Lett.* **B47** (1973) 365.
- [7] S. Weinberg, „Nonabelian gauge theories of the strong interactions“, *Phys. Rev. Lett.* **31** (1973) 494.
- [8] K. G. Wilson, „Confinement of quarks“, *Phys. Rev.* **D10** (1974) 2445–2459.
- [9] S. R. Sharpe, „Progress in lattice gauge theory“, [hep-lat/9811006](#).
- [10] K. Symanzik, „Continuum limit and improved action in lattice theories. 1. principles and phi**4 theory“, *Nucl. Phys.* **B226** (1983) 187.
- [11] K. Symanzik, „Continuum limit and improved action in lattice theories. 2. O(N) nonlinear sigma model in perturbation theory“, *Nucl. Phys.* **B226** (1983) 205.
- [12] N. Sadooghi and H. J. Rothe, „Continuum behavior of lattice QED, discretized with one sided lattice differences, in one loop order“, *Phys. Rev.* **D55** (1997) 6749–6759, [hep-lat/9610001](#).

- [13] H. B. Nielsen and M. Ninomiya, „Absence of neutrinos on a lattice. 1. Proof by homotopy theory“, *Nucl. Phys.* **B185** (1981) 20.
- [14] H. B. Nielsen and M. Ninomiya, „Absence of neutrinos on a lattice. 2. Intuitive topological proof“, *Nucl. Phys.* **B193** (1981) 173.
- [15] K. G. Wilson, „Quarks and strings on a lattice“, New Phenomena in Subnuclear Physics. Part A. Proceedings of the First Half of the 1975 International School of Subnuclear Physics, Erice, Sicily, July 11 - August 1, 1975, ed. A. Zichichi, Plenum Press, New York, 1977, p. 69, CLNS-321.
- [16] J. Kogut and L. Susskind, „Hamiltonian formulation of Wilson’s lattice gauge theories“, *Phys. Rev.* **D11** (1975) 395.
- [17] L. Susskind, „Lattice fermions“, *Phys. Rev.* **D16** (1977) 3031–3039.
- [18] D. B. Kaplan, „A method for simulating chiral fermions on the lattice“, *Phys. Lett.* **B288** (1992) 342–347, [hep-lat/9206013](#).
- [19] Y. Shamir, „Chiral fermions from lattice boundaries“, *Nucl. Phys.* **B406** (1993) 90–106, [hep-lat/9303005](#).
- [20] T. Blum, „Domain wall fermions in vector gauge theories“, *Nucl. Phys. (Proc. Suppl.)* **73** (1999) 167, [hep-lat/9810017](#).
- [21] A. S. T. Blum and M. Wingate, „Calculation of the strange quark mass using domain wall fermions“, [hep-lat/9902016](#).
- [22] M. Wingate, „Quark masses using domain wall fermions“, [hep-lat/9909101](#).
- [23] H. Neuberger, „Exactly massless quarks on the lattice“, *Phys. Lett.* **B417** (1998) 141, [hep-lat/9707022](#).
- [24] P. Hasenfratz, V. Laliena, and F. Niedermayer, „The index theorem in QCD with a finite cutoff“, *Phys. Lett.* **B427** (1998) 125, [hep-lat/9801021](#).
- [25] M. Lüscher, „Exact chiral symmetry on the lattice and the Ginsparg-Wilson relation“, *Phys. Lett.* **B428** (1998) 342–345, [hep-lat/9802011](#).
- [26] P. H. Ginsparg and K. G. Wilson, „A remnant of chiral symmetry on the lattice“, *Phys. Rev.* **D25** (1982) 2649.
- [27] P. Hernandez, K. Jansen, and L. Lellouch, „Finite size scaling of the quark condensate in quenched lattice QCD“, [hep-lat/9907022](#).

-
- [28] M. Creutz, „Evaluating Grassmann integrals“, *Phys. Rev. Lett.* **81** (1998) 3555, [hep-lat/9806037](#).
 - [29] D. H. Weingarten and D. N. Petcher, „Monte Carlo integration for lattice gauge theories with fermions“, *Phys. Lett.* **99B** (1981) 333.
 - [30] M. Lüscher, „A new approach to the problem of dynamical quarks in numerical simulations of lattice QCD“, *Nucl. Phys.* **B418** (1994) 637–648, [hep-lat/9311007](#).
 - [31] I. Montvay, „Simulation of QCD and other similar theories“, [hep-lat/9909020](#).
 - [32] E. Marinari, G. Parisi, and C. Rebbi, „Monte Carlo simulation of the massive Schwinger model“, *Nucl. Phys.* **B190** (1981) 734.
 - [33] D. H. Weingarten, „Monte Carlo evaluation of hadron masses in lattice gauge theories with fermions“, *Phys. Lett.* **109B** (1982) 57.
 - [34] D. B. Leinweber, „Nucleon properties from unconventional interpolating fields“, *Phys. Rev.* **D51** (1995) 6383–6393, [nucl-th/9406001](#).
 - [35] B. L. Ioffe, „Calculation of baryon masses in quantum chromodynamics“, *Nucl. Phys.* **B188** (1981) 317–341.
 - [36] **RIEKN-BNL-Columbia** Collaboration, S. Sasaki, „The Parity partner of the nucleon in quenched QCD with domain wall fermions“, [hep-lat/9909093](#).
 - [37] C. Caso *et. al.*, „Review of particle physics. Particle Data Group“, *Eur. Phys. J.* **C3** (1998) 1–794.
 - [38] N. Isgur, C. Morningstar, and C. Reader, „The a1 in tau decay“, *Phys. Rev.* **D39** (1989) 1357.
 - [39] M. Lüscher, S. Sint, R. Sommer, and P. Weisz, „Chiral symmetry and O(a) improvement in lattice QCD“, *Nucl. Phys.* **B478** (1996) 365–400, [hep-lat/9605038](#).
 - [40] B. Sheikholeslami and R. Wohlert, „Improved continuum limit lattice action for qcd with Wilson fermions“, *Nucl. Phys.* **B259** (1985) 572.
 - [41] M. Lüscher, S. Sint, R. Sommer, P. Weisz, and U. Wolff, „Nonperturbative O(a) improvement of lattice QCD“, *Nucl. Phys.* **B491** (1997) 323–343, [hep-lat/9609035](#).

- [42] R. G. Edwards, U. M. Heller, and T. R. Klassen, „The Effectiveness of nonperturbative O(a) improvement in lattice QCD“, *Phys. Rev. Lett.* **80** (1998) 3448, [hep-lat/9711052](#).
- [43] P. Hasenfratz and F. Niedermayer, „Perfect lattice action for asymptotically free theories“, *Nucl. Phys.* **B414** (1994) 785–814, [hep-lat/9308004](#).
- [44] W. Bietenholz, „Perfect and quasiperfect lattice actions“, [hep-lat/9802014](#).
- [45] N. Cabibbo and E. Marinari, „A new method for updating SU(N) matrices in computer simulations of gauge theories“, *Phys. Lett.* **119B** (1982) 387.
- [46] N. Metropolis, A. W. Rosenbluth, M. N. Rosenbluth, A. H. Teller, and E. Teller, „Equation of state calculations by fast computing machines“, *J. Chem. Phys.* **21** (1953) 1087–1092.
- [47] M. Creutz, „Overrelaxation and Monte Carlo simulation“, *Phys. Rev.* **D36** (1987) 515.
- [48] N. Madras and A. D. Sokal, „The Pivot algorithm: a highly efficient Monte Carlo method for selfavoiding walk“, *J. Statist. Phys.* **50** (1988) 109–186.
- [49] S. C. E. et al., „Variational iterative methods for nonsymmetric systems of linear equations“, *SIAM J. Numer. Anal.* **20** (1983) 345.
- [50] H. van der Vorst, „A fast and smoothly converging variant of Bi-CG for the solution of nonsymmetric linear systems“, *SIAM J. Sc. Stat. Comp.* **13** (1982) 631.
- [51] A. Frommer, V. Hannemann, B. Nockel, T. Lippert, and K. Schilling, „Accelerating Wilson fermion matrix inversions by means of the stabilized biconjugate gradient algorithm“, *Int. J. Mod. Phys.* **C5** (1994) 1073, [hep-lat/9404013](#).
- [52] G. Cellai, A. Hoferichter, V. K. Mitryushkin, M. Muller-Preussker, and A. Vicere, „Efficiency of different matrix inversion methods applied to Wilson fermions“, *Int. J. Mod. Phys.* **C7** (1996) 787, [hep-lat/9606003](#).
- [53] M. R. Hestenes and E. Stiefel *J. Res. Nat. Bur. Standards* **49** (1952) 409.

-
- [54] T. A. DeGrand and P. Rossi, „Conditioning techniques for dynamical fermions“, *Comput. Phys. Commun.* **60** (1990) 211.
 - [55] S. Güsken, „A Study of smearing techniques for hadron correlation functions“, *Nucl. Phys. (Proc. Suppl.)* **17** (1990) 361–364.
 - [56] **UKQCD** Collaboration, C. R. Allton *et. al.*, „Gauge invariant smearing and matrix correlators using Wilson fermions at Beta = 6.2“, *Phys. Rev.* **D47** (1993) 5128–5137, [hep-lat/9303009](#).
 - [57] A. Billoire, E. Marinari, and R. Petronzio, „Kogut-Susskind and Wilson fermions in the quenched approximation: a Monte Carlo simulation“, *Nucl. Phys.* **B251** (1985) 141.
 - [58] C. Michael and A. McKerrell, „Fitting correlated hadron mass spectrum data“, *Phys. Rev.* **D51** (1995) 3745–3750, [hep-lat/9412087](#).
 - [59] W. H. Press, S. A. Teukolsky W. T. Vetterling and B. P. Flannery, „Numerical Recipes in C: the art of scientific computing“, *Cambridge University Press* (1992).
 - [60] B. Efron, „The jackknife, the bootstrap and other resampling plans“, *SIAM* (1994).
 - [61] M. Lüscher, „Volume dependence of the energy spectrum in massive quantum field theories. 1. Stable particle states“, *Commun. Math. Phys.* **104** (1986) 177.
 - [62] M. Fukugita, H. Mino, M. Okawa, G. Parisi, and A. Ukawa, „Finite size effect for hadron masses in lattice QCD“, *Phys. Lett.* **B294** (1992) 380–384.
 - [63] S. Aoki *et. al.*, „Finite size effects of hadron masses in lattice QCD: A Comparative study for quenched and full QCD simulations“, *Phys. Rev.* **D50** (1994) 486–494.
 - [64] **UKQCD** Collaboration, K. C. Bowler *et. al.*, „Quenched QCD with O(a) improvement. 1. The Spectrum of light hadrons“, [hep-lat/9910022](#).
 - [65] D. Pleiter, „Improved quenched QCD: CPU resources for fermion matrix inversion“, unpublished, 1999.
 - [66] J. Gasser and H. Leutwyler, „Chiral perturbation theory to one loop“, *Ann. Phys.* **158** (1984) 142.

- [67] J. Gasser and H. Leutwyler, „Chiral perturbation theory: expansions in the mass of the Strange quark“, *Nucl. Phys.* **B250** (1985) 465.
- [68] H. Leutwyler, „Principles of chiral perturbation theory“, [hep-ph/9406283](#).
- [69] A. Morel, „Chiral logarithms in quenched QCD“, *J. Physique* **48** (1987) 111. SACLAY-PhT/87-020.
- [70] S. R. Sharpe, „Lattice calculations of electroweak decay amplitudes“, *Nucl. Phys. (Proc. Suppl.)* **17** (1990) 146–161.
- [71] S. R. Sharpe, „Chiral logarithms in quenched m (π) and f (π)“, *Phys. Rev.* **D41** (1990) 3233.
- [72] S. R. Sharpe, „Quenched chiral logarithms“, *Phys. Rev.* **D46** (1992) 3146–3168, [hep-lat/9205020](#).
- [73] S. R. Sharpe, „Problems with the quenched approximation in the chiral limit“, *Nucl. Phys. (Proc. Suppl.)* **30** (1993) 213–216, [hep-lat/9211005](#).
- [74] C. Bernard and M. Golterman, „Chiral perturbation theory for the quenched approximation“, *Nucl. Phys. (Proc. Suppl.)* **26** (1992) 360–362.
- [75] C. W. Bernard and M. F. L. Golterman, „Chiral perturbation theory for the quenched approximation of QCD“, *Phys. Rev.* **D46** (1992) 853–857, [hep-lat/9204007](#).
- [76] E. Witten, „Current algebra theorems for the U(1) 'Goldstone boson'“, *Nucl. Phys.* **B156** (1979) 269.
- [77] G. Veneziano, „U(1) without instantons“, *Nucl. Phys.* **B159** (1979) 213–224.
- [78] G. C. M. Booth and A. F. Falk, „Quenched chiral perturbation theory for vector mesons“, *Phys. Rev.* **D55** (1997) 3092–3100, [hep-ph/9610532](#).
- [79] J. N. Labrenz and S. R. Sharpe, „Quenched chiral perturbation theory for baryons“, *Phys. Rev.* **D54** (1996) 4595–4608, [hep-lat/9605034](#).
- [80] R. L. Jaffe and A. Manohar, „The g(1) problem: fact and fantasy on the spin of the proton“, *Nucl. Phys.* **B337** (1990) 509–546.

-
- [81] D. B. Leinweber, A. W. Thomas, K. Tsushima, and S. V. Wright, „Baryon masses from lattice QCD: Beyond the perturbative chiral regime“, [hep-lat/9906027](#).
 - [82] K. Schilling and G. S. Bali, „The Static quark - anti-quark potential: A 'Classical' experiment on the connection machine CM-2“, *Int. J. Mod. Phys. C* **4** (1993) 1167, [hep-lat/9308014](#).
 - [83] G. S. Bali, K. Schilling, and A. Wachter, „Complete O (v^{**2}) corrections to the static interquark potential from SU(3) gauge theory“, *Phys. Rev. D* **56** (1997) 2566–2589, [hep-lat/9703019](#).
 - [84] **UKQCD** Collaboration, H. Wittig, „New results from UKQCD using the Cray-T3D: Measuring gluonic observables“, *Nucl. Phys. (Proc. Suppl.)* **42** (1995) 288, [hep-lat/9411075](#).
 - [85] G. S. Bali and K. Schilling, „Running coupling and the Lambda parameter from SU(3) lattice simulations“, *Phys. Rev. D* **47** (1993) 661–672, [hep-lat/9208028](#).
 - [86] G. S. Bali: private communication.
 - [87] E. Eichten, K. Gottfried, T. Kinoshita, K. D. Lane, and T. M. Yan, „Charmonium: comparison with experiment“, *Phys. Rev. D* **21** (1980) 203.
 - [88] R. Sommer, „A New way to set the energy scale in lattice gauge theories and its applications to the static force and alpha-s in SU(2) Yang-Mills theory“, *Nucl. Phys. B* **411** (1994) 839, [hep-lat/9310022](#).
 - [89] **ALPHA** Collaboration, M. Guagnelli, R. Sommer, and H. Wittig, „Precision computation of a low-energy reference scale in quenched lattice QCD“, *Nucl. Phys. B* **535** (1998) 389, [hep-lat/9806005](#).
 - [90] G. P. Lepage and P. B. Mackenzie, „On the viability of lattice perturbation theory“, *Phys. Rev. D* **48** (1993) 2250–2264, [hep-lat/9209022](#).
 - [91] S. Itoh, Y. Iwasaki, and T. Yoshie, „The U(1) problem and topological excitations on a lattice“, *Phys. Rev. D* **36** (1987) 527.
 - [92] **UKQCD** Collaboration, H. Simma and D. Smith, „Low lying eigenvalues of the improved Wilson-Dirac operator in QCD“, [hep-lat/9801025](#).

- [93] C. Gattringer and I. Hip, „On the spectrum of the Wilson-Dirac lattice operator in topologically nontrivial background configurations“, *Nucl. Phys.* **B536** (1998) 363, [hep-lat/9712015](#).
- [94] C. Gattringer and I. Hip, „Clover improvement, spectrum and Atiyah-Singer index theorem for the Dirac operator on the lattice“, *Nucl. Phys.* **B541** (1999) 305, [hep-lat/9806032](#).
- [95] A. H. T. DeGrand and T. G. Kovacs, „Instantons and exceptional configurations with the clover action“, [hep-lat/9810061](#).
- [96] W. Bardeen, A. Duncan, E. Eichten, G. Hockney, and H. Thacker, „Light quarks, zero modes, and exceptional configurations“, *Phys. Rev.* **D57** (1998) 1633, [hep-lat/9705008](#).
- [97] W. Bardeen, A. Duncan, E. Eichten, G. Hockney, and H. Thacker, „Resolving exceptional configurations“, *Nucl. Phys. (Proc. Suppl.)* **63** (1998) 141, [hep-lat/9710084](#).
- [98] E. E. W. Bardeen, A. Duncan and H. Thacker, „Quenched chiral artifacts for Wilson-Dirac fermions“, *Phys. Rev.* **D59** (1999) 014507, [hep-lat/9806002](#).
- [99] T. D. M. Stephenson, C. DeTar and A. Hasenfratz, „Scaling and eigenmode tests of the improved fat clover action“, [hep-lat/9910023](#).
- [100] **APE** Collaboration, M. Albanese *et. al.*, „Glueball masses and string tension in lattice QCD“, *Phys. Lett.* **B192** (1987) 163.
- [101] **QCDSF** Collaboration, M. Göckeler, A. Hoferichter, R. Horsley, D. Pleiter, P. Rakow, G. Schierholz, and P. Stephenson, „Resolving exceptional configurations in quenched lattice QCD“, *Nucl. Phys. (Proc. Suppl.)* **73** (1999) 889, [hep-lat/9809165](#).
- [102] S. S. R. Frezzotti, P. A. Grassi and P. Weisz, „A local formulation of lattice QCD without unphysical fermion zero modes“, [hep-lat/9909003](#).
- [103] G. Immirzi and K. Yoshida, „Generalized lattice fermion actions and applications“, *Nucl. Phys.* **B210** (1982) 499.
- [104] K. Osterwalder and E. Seiler, „Gauge field theories on the lattice“, *Ann. Phys.* **110** (1978) 440.
- [105] E. Seiler and I. O. Stamatescu, „Lattice fermions and theta vacua“, *Phys. Rev.* **D25** (1982) 2177.

-
- [106] W. Kerler, „Concept and properties of lattice gauge theory“, *Phys. Rev.* **D24** (1981) 1595.
 - [107] **QCDSF** Collaboration, M. Göckeler *et. al.*, „Scaling of nonperturbatively O(a) improved Wilson fermions: Hadron spectrum, quark masses and decay constants“, *Phys. Rev.* **D57** (1998) 5562–5580, [hep-lat/9707021](#).
 - [108] J. K. Cullum and R. A. Willoughby, „Lanczos algorithms for large symmetric eigenvalue computations, Vol. 1. Theory“, *Birkhäuser, Boston* (1985).
 - [109] J. Goldstone, „Field theories with 'superconductor' solutions“, *Nuovo Cim.* **19** (1961) 154.
 - [110] G. P. Lepage, „The analysis of algorithms for lattice field theory“, Invited lectures given at TASI'89 Summer School, Boulder, CO, Jun 4-30, 1989.
 - [111] S. Sint and P. Weisz, „Further results on O(a) improved lattice QCD to one loop order of perturbation theory“, *Nucl. Phys.* **B502** (1997) 251, [hep-lat/9704001](#).
 - [112] T. van Ritbergen, J. A. M. Vermaseren, and S. A. Larin, „The Four loop beta function in quantum chromodynamics“, *Phys. Lett.* **B400** (1997) 379–384, [hep-ph/9701390](#).
 - [113] **ALPHA** Collaboration, S. Capitani, M. Lüscher, R. Sommer, and H. Wittig, „Nonperturbative quark mass renormalization in quenched lattice QCD“, *Nucl. Phys.* **B544** (1999) 669, [hep-lat/9810063](#).
 - [114] G. M. de Divitiis and R. Petronzio, „Nonperturbative renormalization constants on the lattice from flavour non-singlet Ward identities“, *Phys. Lett.* **B419** (1998) 311, [hep-lat/9710071](#).
 - [115] **QCDSF** Collaboration, M. Göckeler, R. Horsley, H. Oelrich, D. Petters, D. Pleiter, P. Rakow, G. Schierholz, and P. Stephenson, „A Lattice determination of light quark masses“, [hep-lat/9908005](#).
 - [116] **CP-PACS** Collaboration, R. Burkhalter *et. al.*, „Recent results from the CP-PACS Collaboration“, *Nucl. Phys. (Proc. Suppl.)* **73** (1999) 3, [hep-lat/9810043](#).
 - [117] H. Thacker, W. Bardeen, A. Duncan, and E. Eichten, „Evidence for quenched chiral logs“, *Nucl. Phys. (Proc. Suppl.)* **73** (1999) 243, [hep-lat/9809147](#).

- [118] E. E. W. Bardeen, A. Duncan and H. Thacker, „Chiral effects of quenched eta-prime loops“, [hep-lat/9909128](#).
- [119] **QCDSF** Collaboration, M. Göckeler, R. Horsley, B. Klaus, W. Kürzinger, H. Oelrich, D. Petters, D. Pleiter, P. Rakow, G. Schierholz, and P. Stephenson, „Light quark masses from the lattice“, [hep-lat/9908028](#).
- [120] G. P. Lepage, „Simulating heavy quarks“, *Nucl. Phys. (Proc. Suppl.)* **26** (1992) 45–56.
- [121] **QCDSF** Collaboration, M. Göckeler, R. Horsley, V. Linke, D. Pleiter, P. Rakow, G. Schierholz, A. Schiller, P. Stephenson, and H. Stüben, „Mass spectrum and decay constants in the continuum limit“, *Nucl. Phys. (Proc. Suppl.)* **73** (1999) 237, [hep-lat/9810006](#).
- [122] **QCDSF** Collaboration, M. Göckeler, R. Horsley, D. Petters, D. Pleiter, P. Rakow, G. Schierholz, and P. Stephenson, „Hadron masses and decay constants in quenched QCD“, [hep-lat/9909160](#).
- [123] **UKQCD** Collaboration, P. Lacock and C. Michael, „Is the quenched spectrum in agreement with experiment?“, *Phys. Rev.* **D52** (1995) 5213–5219, [hep-lat/9506009](#).
- [124] H. Leutwyler, „The Ratios of the light quark masses“, *Phys. Lett.* **B378** (1996) 313–318, [hep-ph/9602366](#).
- [125] J. Weinstein and N. Isgur, „K anti-K molecules“, *Phys. Rev.* **D41** (1990) 2236.
- [126] C. Amsler and F. E. Close, „Is f0 (1500) a scalar glueball?“, *Phys. Rev.* **D53** (1996) 295–311, [hep-ph/9507326](#).
- [127] W. Lee and D. Weingarten, „Scalar quarkonium masses and mixing with the lightest scalar glueball“, *Phys. Rev.* **D61** (2000) 014015, [hep-lat/9910008](#).
- [128] M. Lüscher, S. Sint, R. Sommer, and H. Wittig, „Nonperturbative determination of the axial current normalization constant in O(a) improved lattice QCD“, *Nucl. Phys.* **B491** (1997) 344–364, [hep-lat/9611015](#).
- [129] G. Colangelo and E. Pallante, „Quenched chiral perturbation theory to one loop“, *Nucl. Phys.* **B520** (1998) 433, [hep-lat/9708005](#).

-
- [130] M. Guagnelli and R. Sommer, „Nonperturbative O(a) improvement of the vector current“, *Nucl. Phys. (Proc. Suppl.)* **63** (1998) 886, [hep-lat/9709088](#).
 - [131] M. Lüscher and P. Weisz, „O(a) improvement of the axial current in lattice QCD to one loop order of perturbation theory“, *Nucl. Phys. B* **479** (1996) 429–458, [hep-lat/9606016](#).
 - [132] P. Maris and P. C. Tandy, „Bethe-Salpeter study of vector meson masses and decay constants“, *Phys. Rev. C* **60** (1999) 055214, [nucl-th/9905056](#).
 - [133] **QCDSF** Collaboration, S. Capitani, M. Göckeler, R. Horsley, D. Petters, D. Pleiter, P. Rakow, and G. Schierholz, „Towards a lattice calculation of Delta q and delta q“, *Nucl. Phys. (Proc. Suppl.)* **79** (1999) 548, [hep-ph/9905573](#).
 - [134] F. Jegerlehner, R. Kenway, G. Martinelli, C. Michael, O. Pène, B. Petersson, R. Petronzio, C. Sachrajda, and K. Schilling, „Requirements for high performance computing for lattice QCD: report of the ECFA working panel“, *ECFA/99/200* (1999).

Literaturverzeichnis
