PHYSICAL REVIEW D **THIRD SERIES, VOLUME 59, NUMBER 7** **1 APRIL 1999**

Implications of color gauge symmetry for nucleon spin structure *(4 pages)* 074010
Pervez Hoodbhoy, Xiangdong Ji, and Wei Lu
Two photon reactions at high energies *(7 pages)* 074011
A. Donnachie, H. G. Dosch, and M. Rueter
Semileptonic $B\to\rho$ and $B\to a_1$ transitions in a quark-meson model *(11 pages)* 074012
A. Deandrea, R. Gatto, G. Nardulli, and A. D. Polosa
Model-independent analysis of the rare B decay $B\to X_s l^+ l^-$ *(15 pages)* 074013
S. Fukae, C. S. Kim, T. Morozumi, and T. Yoshikawa
Soft-gluon resummation for heavy quark production in hadronic collisions *(6 pages)* 074014
Nikolaos Kidonakis and Ramona Vogt
Mixing angles and electromagnetic properties of ground state pseudoscalar and vector meson nonets in the light-cone quark model *(11 pages)* 074015
Ho-Meoyng Choi and Chueng-Ryong Ji
Charm and bottom baryon decays in the Bethe-Salpeter approach: Heavy to heavy semileptonic transitions *(14 pages)* 074016
M. A. Ivanov, J. G. Körner, V. E. Lyubovitskij, and A. G. Rusetsky
B decays in the upsilon expansion *(11 pages)* 074017
Andre H. Hoang, Zoltan Ligeti, and Aneesh V. Manohar
Spin structure of the proton and large p_T processes in polarized pp collisions *(12 pages)* 074018
L. E. Gordon and G. P. Ramsey
Renormalized effective QCD Hamiltonian: Gluonic sector *(10 pages)* 074019
D. G. Robertson, E. S. Swanson, A. P. Szczepaniak, Chueng-Ryong Ji, and S. R. Cotanch
Vector meson dominance and the ρ meson *(11 pages)* 074020
M. Benayoun, H. B. O'Connell, and A. G. Williams
Evidence for charge symmetry violation in parton distributions *(16 pages)* 074021
C. Boros, J. T. Londergan, and A. W. Thomas
Diffractive production of jets and weak bosons and tests of hard-scattering factorization *(17 pages)* 074022
Lyndon Alvero, John C. Collins, Juan Terron, and J. J. Whitmore
Domain walls and theta dependence in QCD with an effective Lagrangian approach *(20 pages)* 074023
Todd Fugleberg, Igor Halperin, and Ariel Zhitnitsky
Scale dependence of squark and gluino production cross sections *(10 pages)* 074024
Edmond L. Berger, Michael Klasen, and Tim Tait
Proton and pion structure functions in the improved valon model *(8 pages)* 074025
H. W. Kua, L. C. Kwek, and C. H. Oh
Putative light scalar nonet *(12 pages)* 074026
Deirdre Black, Amir H. Fariborz, Francesco Sannino, and Joseph Schechter
Solutions of the Ginsparg-Wilson relation *(3 pages)* 074501
Ting-Wai Chiu and Sergei V. Zenkin
Flavor-symmetry restoration and Symanzik improvement for staggered quarks *(4 pages)* 074502
G. Peter Lepage
Quark mass dependence of hadron masses from lattice QCD *(10 pages)* 074503
M. Foster and C. Michael (UKQCD Collaboration)
Light hadron spectroscopy on coarse lattices with $O(a^2)$ mean-field-improved actions *(10 pages)* 074504
Frank X. Lee and Derek B. Leinweber
Theory of Abelian projection *(9 pages)* 074505
Michael C. Ogilvie
Calculation of the Lepage-Mackenzie scale for the lattice axial-vector and vector currents *(9 pages)* 074506
Claude Bernard, Maarten Golterman, and Craig McNeile
Single top quark at future hadron colliders: Complete signal and background study *(9 pages)* 075001
A. S. Belyaev, E. E. Boos, and L. V. Dudko

(Continued)