PHYSICAL REVIEW D **THIRD SERIES, VOLUME 59, NUMBER 3** **1 FEBRUARY 1999**

Renormalizing heavy quark effective theory at $O(1/m_Q^3)$ *(8 pages)* 034006
Christopher Balzereit
Unitarization of gluon distribution in the doubly logarithmic regime at high density *(9 pages)* 034007
Jamal Jalilian-Marian, Alex Kovner, Andrei Leonidov, and Heribert Weigert
Determination of the CKM angle γ and $|V_{ub}/V_{cb}|$ from inclusive direct *CP* asymmetries and branching ratios in charmless *B* decays *(12 pages)* 034008
Alexander Lenz, Ulrich Nierste, and Gaby Ostermaier
First principles estimate of finite size effects in quark-gluon plasma formation *(6 pages)* 034009
Andy Gopie and Michael C. Ogilvie
Two flavor chiral phase transition from nonperturbative flow equations *(30 pages)* 034010
J. Berges, D.-U. Jungnickel, and C. Wetterich
Quarkonium production through hard comover scattering *(12 pages)* 034011
Paul Hoyer and Stéphane Peigné
Four-fermion heavy quark operators and light current amplitudes in heavy flavor hadrons *(28 pages)* 034012
Dan Pirjol and Nikolai Uraltsev
Valence quark spin distribution functions *(6 pages)* 034013
Nathan Isgur
Comparisons of new jet clustering algorithms for hadron-hadron collisions *(9 pages)* 034014
A. T. Pierce and B. R. Webber
Instantons and the QCD vacuum wave functional *(12 pages)* 034015
William E. Brown, Juan P. Garrahan, Ian I. Kogan, and Alex Kovner
Hybrid meson decay phenomenology *(19 pages)* 034016
Philip R. Page, Eric S. Swanson, and Adam P. Szczepaniak
Sudakov suppression in the soft heavy to light meson transition form factor *(4 pages)* 034017
Adam P. Szczepaniak and Anatoly Radyushkin
Semileptonic *B* decays into excited charmed mesons from QCD sum rules *(8 pages)* 034018
Ming-Qiu Huang and Yuan-Ben Dai
$B\rightarrow\tau\mu(X)$ decays in SUSY models without *R* parity *(7 pages)* 034019
Dafne Guetta, Jesus M. Mira, and Enrico Nardi
Lepton fluxes from atmospheric charm *(10 pages)* 034020
L. Pasquali, M. H. Reno, and I. Sarcevic
Multiplicity distribution and mechanisms of the high-energy hadron collisions *(8 pages)* 034022
S. G. Matinyan and W. D. Walker
Exclusive electroproduction of vector mesons and transversity distributions *(4 pages)* 034023
Markus Diehl, Thierry Gousset, and Bernard Pire
Isovector unpolarized quark distribution in the nucleon in the large-N_c limit *(16 pages)* 034024
P. V. Pobylitsa, M. V. Polyakov, K. Goeke, T. Watabe, and C. Weiss
B decays into two light pseudoscalar mesons and the possible effects of enhanced $b\rightarrow sg$ *(17 pages)* 034025
Ji-Ho Jang, Yeong Gyun Kim, and Pyungwon Ko
Determination of the scalar glueball mass in QCD sum rules *(7 pages)* 034026
Tao Huang, Hongying Jin, and Ailin Zhang
Soft gluon resummation for heavy quark electroproduction *(18 pages)* 034027
Eric Laenen and Sven-Olaf Moch
Meson correlators at finite temperature *(8 pages)* 034501
Varun Sheel, Hiranmaya Mishra, and Jitendra C. Parikh
Phase structure of lattice $SU(2)\otimes U_S(1)$ three-dimensional gauge theory *(26 pages)* 034502
K. Farakos, N. E. Mavromatos, and D. McNeill
Improved lattice gauge field Hamiltonian *(15 pages)* 034503
Xiang-Qian Luo, Shuo-Hong Guo, Helmut Kröger, and Dieter Schütte

(Continued)