PHYSICAL REVIEW D

For editorial and subscription correspondence, please see inside front cover
(ISSN: 0556-2821)

PERIODICALS
Postmaster send address changes to:
American Institute of Physics
Suite 1NO1
2 Huntington Quadrangle
Melville, NY 11747-4502

THIRD SERIES, VOLUME 64, NUMBER 8 ***CONTENTS*** **15 OCTOBER 2001**

RAPID COMMUNICATIONS

Cosmological evolution of global monopoles *(5 pages)* . . . . . 081301(R)
Masahide Yamaguchi
Strong coupling limit of open string: Born-Infeld analysis *(5 pages)* . . . . . 081901(R)
I. Y. Park

ARTICLES

Testing Newton's inverse square law at intermediate scales *(7 pages)* 082001
P. Baldi, E. G. Campari, G. Casula, S. Focardi, and F. Palmonari
Modulating the experimental signature of a stochastic gravitational wave background *(10 pages)* 082002
Lee Samuel Finn and Albert Lazzarini
CMB power spectrum estimation via hierarchical decomposition *(9 pages)* 083001
Olivier Doré, Lloyd Knox, and Alan Peel
New CMBR data and the cosmic neutrino background *(4 pages)* 083002
Steen Hannestad
Cosmic microwave background anisotropy power spectrum statistics for high precision cosmology *(14 pages)* 083003
Benjamin D. Wandelt, Eric Hivon, and Krzysztof M. Górski
Lensing at cosmological scales: A test of higher dimensional gravity *(4 pages)* 083004
Jean-Philippe Uzan and Francis Bernardeau
Angular trispectrum of the cosmic microwave background *(15 pages)* 083005
Wayne Hu
Primordial magnetic fields from metric perturbations *(6 pages)* 083006
Antonio L. Maroto
Astrophysical limits on quantum gravity motivated birefringence *(4 pages)* 083007
Reinaldo J. Gleiser and Carlos N. Kozameh
General-relativistic free decay of magnetic fields in a spherically symmetric body *(15 pages)* 083008
K.-H. Rädler, H. Fuchs, U. Geppert, M. Rheinhardt, and T. Zannias
Cosmic microwave background anisotropy with cosine-type quintessence *(11 pages)* 083009
Masahiro Kawasaki, Takeo Moroi, and Tomo Takahashi
Testing quintessence models with large-scale structure growth *(10 pages)* 083501
K. Benabed and F. Bernardeau
Anisotropic cosmologies containing isotropic background radiation *(11 pages)* 083502
Saulo Carneiro and Guillermo A. Mena Marugán
From brane assisted inflation to quintessence through a single scalar field *(6 pages)* 083503
A. S. Majumdar

Copyright 2001 by The American Physical Society

(Continued)

0556-2821(20011015)64:8;1-D