

CONTENTS - Continued

PHYSICAL REVIEW D

THIRD SERIES, VOLUME 58, NUMBER 4

15 AUGUST 1998

Prolonged decay and CP asymmetry (17 pages)	043507
I. Joichi, Sh. Matsumoto, and M. Yoshimura	
Evolution of a network of cosmic string loops (14 pages)	043508
E. J. Copeland, T. W. B. Kibble, and D. A. Steer	
Generalized Raychaudhuri and area change equations for classical brane models (8 pages)	043509
Elias Zafiris	
Sources for the Majumdar-Papapetrou space-times (3 pages)	044001
Metin Gürses	
Mode regularization, time slicing, Weyl ordering, and phase space path integrals for quantum-mechanical nonlinear sigma models (9 pages)	044002
Fiorenzo Bastianelli, Koenraad Schalm, and Peter van Nieuwenhuizen	
Light deflection by gravitational waves from localized sources (6 pages)	044003
Thibault Damour and Gilles Esposito-Farèse	
Propagation of scalars in nonextremal black hole and black p -brane geometries (13 pages)	044004
Yuji Satoh	
Cauchy-perturbative matching and outer boundary conditions: Methods and tests (9 pages)	044005
M. E. Rupright, A. M. Abrahams, and L. Rezzolla	
Particle creation near the chronology horizon (6 pages)	044006
Sergey V. Sushkov	
Critical collapse of collisionless matter: A numerical investigation (8 pages)	044007
Gerhard Rein, Alan D. Rendall, and Jack Schaeffer	
Black holes with multiple charges and the correspondence principle (13 pages)	044008
Haisong Yang	
Hypothesis of path integral duality. II. Corrections to quantum field theoretic results (16 pages)	044009
K. Srinivasan, L. Sriramkumar, and T. Padmanabhan	
Free fields via canonical transformations of matter-coupled two-dimensional dilaton gravity models (7 pages) . . .	044010
J. Cruz, J. M. Izquierdo, D. J. Navarro, and J. Navarro-Salas	
Extrema of mass, first law of black hole mechanics, and a staticity theorem in Einstein-Maxwell-axion-dilaton gravity (11 pages)	044011
Marek Rogatko	
Evaporation of a Kerr black hole by emission of scalar and higher spin particles (9 pages)	044012
Brett E. Taylor, Chris M. Chambers, and William A. Hiscock	
Lightlike signals in general relativity and cosmology (9 pages)	044013
C. Barrabès and P. A. Hogan	
Microfield dynamics of black holes (10 pages)	044014
R. Casadio and B. Harms	
Perturbations in the Kerr-Newman dilatonic black hole background: Maxwell waves, the dilaton background, and gravitational lensing (7 pages)	044015
R. Casadio and B. Harms	
Dynamical evolution of boson stars in Brans-Dicke theory (13 pages)	044016
Jayashree Balakrishna and Hisa-aki Shinkai	
Effects of anisotropy and spatial curvature on the pre-big-bang scenario (8 pages)	044017
Dominic Clancy, James E. Lidsey, and Reza Tavakol	
Late-time tails in gravitational collapse of a self-interacting (massive) scalar-field and decay of a self-interacting scalar hair (6 pages)	044018
Shahar Hod and Tsvi Piran	
Combining Cauchy and characteristic codes. V. Cauchy-characteristic matching for a spherical spacetime containing a perfect fluid (12 pages)	044019
Mark R. Dubal, Ray A. d'Inverno, and James A. Vickers	

(Continued)