

CONTENTS - Continued

PHYSICAL REVIEW D

THIRD SERIES, VOLUME 57, NUMBER 8

15 APRIL 1998

Singularities and the classical limit in quantum cosmology with scalar fields	4707
Roberto Colistete, Jr., Júlio C. Fabris, and Nelson Pinto-Neto	
Quantum-mechanical carrier of the imprints of gravitation	4718
Ulrich H. Gerlach	
Interplay of gravitation and linear superposition of different mass eigenstates	4724
D. V. Ahluwalia and C. Burgard	
Late time behavior of the maximal slicing of the Schwarzschild black hole	4728
R. Beig and N. Ó Murchadha	
Gravitational analogues of nonlinear Born electrodynamics	4738
James A. Feigenbaum, Peter G. O. Freund, and Mircea Pigli	
Null weak singularities in plane-symmetric space-times	4745
Amos Ori	
Palatini variational principle for an extended Einstein-Hilbert action	4754
Howard Burton and Robert B. Mann	
Hyperfast travel in general relativity	4760
S. V. Krasnikov	
Phenomenology of the Gowdy universe on $T^3 \times R$	4767
Beverly K. Berger and David Garfinkle	
Moving black holes in 3D	4778
R. Gómez, L. Lehner, R. L. Marsa, and J. Winicour	
Spherical neutron star collapse toward a black hole in a tensor-scalar theory of gravity	4789
Jérôme Novak	
Neutron stars in scalar-tensor theories of gravity and catastrophe theory	4802
Tomohiro Harada	
Monopole and electrically charged dust thin shells in general relativity: Classical and quantum comparison of hollow and atomlike configurations	4812
Konstantin G. Zloshchastiev	
Gravitational memory of boson stars	4821
Diego F. Torres, Andrew R. Liddle, and Franz E. Schunck	
Quantum gravitationally induced stress tensor during inflation	4826
N. C. Tsamis and R. P. Woodard	
Schwinger terms in Weyl-invariant and diffeomorphism-invariant 2D scalar field theory	4833
Christoph Adam and Gerardo L. Rossini	
Quantum inequalities and singular negative energy densities	4839
L. H. Ford, Michael J. Pfenning, and Thomas A. Roman	
Trace anomaly induced effective action and 2D black holes for dilaton coupled supersymmetric theories	4847
Shin'ichi Nojiri and Sergei D. Odintsov	
Infinite Lorentz boost along the M -theory circle and nonasymptotically flat solutions in supergravities	4856
Seungjoon Hyun, Youngjai Kiem, and Hyeonjoon Shin	
Very effective string model?	4862
David Kastor and Jennie Traschen	
Non-Abelian black holes in Brans-Dicke theory	4870
Takashi Tamaki, Kei-ichi Maeda, and Takashi Torii	
From Schwarzschild to Kerr: Generating spinning Einstein-Maxwell fields from static fields	4885
Gérard Clément	
Semiclassical decay of near-extremal black holes	4890
Ted Jacobson	
Quantum-mechanical model of the Reissner-Nordström black hole	4899
Jarmo Mäkelä and Pasi Repo	

(Continued)