

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 60, NUMBER 10

CONTENTS

15 NOVEMBER 1999

RAPID COMMUNICATIONS

Extended warm inflation (5 pages)	101301
J. M. F. Maia and J. A. S. Lima	
Late-time dynamics of scalar fields on rotating black hole backgrounds (4 pages)	101501
William Krivan	
Asymptotically constrained and real-valued system based on Ashtekar's variables (5 pages)	101502
Hisaki Shinkai and Gen Yoneda	

ARTICLES

Time-frequency detection of gravitational waves (12 pages)	102001
Warren G. Anderson and R. Balasubramanian	
Heavy nuclei at the end of the cosmic-ray spectrum? (6 pages)	103001
L. A. Anchordoqui, G. E. Romero, and J. A. Combi	
Inhomogeneous cosmologies with Q matter and varying Λ (8 pages)	103501
Luis P. Chimento, Alejandro S. Jakubi, and Diego Pavón	
Cosmological mass function with 1D gravity (16 pages)	103502
Pierluigi Monaco and Giuseppe Murante	
Stress effects in structure formation (8 pages)	103503
Roy Maartens, Josep Triginer, and David R. Matravers	
Domain wall production during inflationary reheating (6 pages)	103504
M. F. Parry and A. T. Sornborger	
Inflation and preheating in nonoscillatory models (10 pages)	103505
Gary Felder, Lev Kofman, and Andrei Linde	
Noninteracting dark matter (14 pages)	103506
P. J. E. Peebles and A. Vilenkin	
Thermodynamically admissible equations for causal dissipative cosmology, galaxy formation, and transport processes in a gravitational collapse (9 pages)	103507
Hans Christian Öttinger	
Distance-redshift relation in an isotropic inhomogeneous universe: Spherically symmetric dust-shell universe. II (14 pages)	103508
Norimasa Sugiura, Ken-ichi Nakao, and Tomohiro Harada	
Cosmology versus holography (7 pages)	103509
Nemanja Kaloper and Andrei Linde	
Bounds from primordial black holes with a near critical collapse initial mass function (9 pages)	103510
Graham D. Kribs, Adam K. Leibovich, and I. Z. Rothstein	
Scaling property of the global string in the radiation dominated universe (10 pages)	103511
Masahide Yamaguchi	

