

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
500 Sunnyside Boulevard
Woodbury, NY 11797-2999

THIRD SERIES, VOLUME 58, NUMBER 1

CONTENTS

1 JULY 1998

Announcement: Electronic-First Publication and Article Numbers	iii
Editorial Policies and Practices of Physical Review D	v
General Information for Contributors	ix
Guidelines for Estimating Length for Physical Review D	xiii

ARTICLES

Searching for new physics in rare $B \rightarrow \tau$ decays (16 pages)	012001
Dafne Guetta and Enrico Nardi	
Determination of the mass of the W boson using the $D\bar{0}$ detector at the Fermilab Tevatron (49 pages)	012002
B. Abbott <i>et al.</i> ($D\bar{0}$ Collaboration)	
Upper limit on the decay $K^+ \rightarrow e^+ \nu \mu^+ \mu^-$ (3 pages)	012003
S. Adler, M. S. Atiya, I-H. Chiang, J. S. Frank, J. S. Haggerty, T. F. Kycia, K. K. Li, L. S. Littenberg, A. Sambamurti, A. Stevens, R. C. Strand, C. Witzig, W. C. Louis, D. S. Akerib, M. Ardebili, M. Convery, M. M. Ito, D. R. Marlow, R. McPherson, P. D. Meyers, M. A. Selen, F. C. Shoemaker, A. J. S. Smith, E. W. Blackmore, D. A. Bryman, L. Felawka, A. Konaka, Y. Kuno, J. A. Macdonald, T. Numao, P. Padley, J.-M. Poutissou, R. Poutissou, J. Roy, A. S. Turcot, P. Kitching, T. Nakano, M. Rozon, and R. Soluk	
Exact solutions for matter-enhanced neutrino oscillations (8 pages)	013001
A. B. Balantekin	
Fermion masses in $SO(10)$ with a single adjoint Higgs field (6 pages)	013002
Carl H. Albright and S. M. Barr	
Measuring $ V_{td}/V_{ub} $ ($= \sin \gamma / \sin \beta$ within the SM) through $B \rightarrow M \nu \bar{\nu}$ ($M = \pi, K, \rho, K^*$) decays (5 pages)	013003
T. M. Aliev and C. S. Kim	
CKM matrix and fermion masses in the dualized standard model (17 pages)	013004
José Bordes, Chan Hong-Mo, Jacqueline Faridani, Jakov Pfaudler, and Tsou Sheung Tsun	
Calibrating the energy of a 50×50 GeV muon collider using spin precession (11 pages)	013005
Rajendran Raja and Alvin Tollestrup	
Comparing and contrasting the $\nu_\mu \rightarrow \nu_\tau$ and $\nu_\mu \rightarrow \nu_s$ solutions to the atmospheric neutrino problem with SuperKamiokande data (9 pages)	013006
R. Foot, R. R. Volkas, and O. Yasuda	
Neutrino electron scattering and electroweak gauge structure: Future tests (7 pages)	013007
O. G. Miranda, V. Semikoz, and José W. F. Valle	
Second order in mass ratio radiative-recoil corrections to hyperfine splitting in muonium (12 pages)	013008
Michael I. Eides, Howard Grotch, and Valery A. Shelyuto	
Neutrino interactions in hot and dense matter (27 pages)	013009
Sanjay Reddy, Madappa Prakash, and James M. Lattimer	
Chiral perturbation theory analysis of the baryon magnetic moments reexamined (6 pages)	013010
Loyal Durand and Phuoc Ha	

