

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 55, NUMBER 5

CONTENTS

1 MARCH 1997

RAPID COMMUNICATIONS

Background suppression for $\mu \rightarrow e \gamma$ with polarized muons	R2517
Yoshitaka Kuno, Akihiro Maki, and Yasuhiro Okada	
Has the substructure of quarks been found by the Collider Detector at Fermilab?	R2521
Keiichi Akama and Hidezumi Terazawa	
Neutrino moments and the magnetic Primakoff effect	R2526
G. Domokos and S. Kovesi-Domokos	
Nonuniversal correction to $Z \rightarrow b\bar{b}$ and single top quark production at Fermilab Tevatron	R2530
A. Datta and X. Zhang	

ARTICLES

Study of the orientation and energy partition of three-jet events in hadronic Z^0 decays	2533
K. Abe <i>et al.</i> (The SLD Collaboration)	
Measurement of $b\bar{b}$ production correlations, $B^0\bar{B}^0$ mixing, and a limit on ϵ_B in $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV . . .	2546
F. Abe <i>et al.</i> (CDF Collaboration)	
Experimental tests of lepton universality in τ decay	2559
A. Anastassov <i>et al.</i> (CLEO Collaboration)	
Pontecorvo reactions in antiproton annihilation at rest in deuterium to $\pi^0 n$, $\pi^0 \Delta^0$, ηn , and $\eta \Delta^0$	2577
M. Chiba, T. Fujitani, J. Iwahori, M. Kawaguti, M. Kobayashi, S. Kurokawa, Y. Nagashima, T. Omori, S. Sugimoto, M. Takasaki, F. Takeutchi, Y. Yamaguchi, and H. Yoshida (Fukui-KEK-Kyoto Sangyo-Osaka-Tokyo Metropolitan Collaboration)	
Drell-Yan process and factorization in impact parameter space	2584
S. J. Brodsky, A. Hebecker, and E. Quack	
One-loop QCD correction for inclusive jet production and Drell-Yan process in composite models	2591
Taekoon Lee	
Vector meson leptonproduction and nonperturbative gluon fluctuations in QCD	2602
H. G. Dosch, T. Gousset, G. Kulzinger, and H. J. Pirner	
Passage of charmed particles through the mixed phase in high-energy heavy-ion collisions	2616
Benjamin Svetitsky and Asher Uziel	
Nucleon spin-flavor structure in the SU(3)-breaking chiral quark model	2624
X. Song, J. S. McCarthy, and H. J. Weber	
Virtual Compton scattering off the nucleon in chiral perturbation theory	2630
Thomas R. Hemmert, Barry R. Holstein, Germar Knöchlein, and Stefan Scherer	
Baryon magnetic moments and proton spin: A model with collective quark rotation	2644
Massimo Casu and L. M. Sehgal	
Color-octet contributions to x_F distributions in J/ψ hadroproduction at fixed target energies	2650
Sourendu Gupta and K. Sridhar	
Final state rescattering as a contribution to $B \rightarrow \rho \gamma$	2657
John F. Donoghue, Eugene Golowich, and Alexey A. Petrov	
ρ' 's in analyzing e^+e^- annihilation: Mark III, LASS, and ARGUS data	2663
N. N. Achasov and A. A. Kozhevnikov	
Interference in the reaction $e^+e^- \rightarrow \gamma \pi^+ \pi^-$ and the search for the decay $\phi \rightarrow \gamma f_0 \rightarrow \gamma \pi^+ \pi^-$	2672
N. N. Achasov, V. V. Gubin, and E. P. Solodov	

(Continued)



0556-2821(19970301)55:5;1-7