

## Cumulative Author Index

All authors of papers published in this volume are listed alphabetically. Full titles are included in each first author's entry. For Rapid Communications an R precedes the page number. The letters (C) and (BR) following the page number indicate that a paper is a Comment or a Brief Report, respectively. References with (E) are to Errata.

- Abachi, S. et al.** (D0 Collaboration) — Search for top squark pair production in the dielectron channel. D 57, 589(BR)(1)
- Abada, Abdellatif and Michael C. Birse** — Disoriented chiral condensate formation from tubes of hot quark plasma. D 57, 292(1)
- Abbasabadi, Ali, David Bowser-Chao, Duane A. Dicus, and Wayne W. Repko** — Higgs-boson-photon production at  $\mu\mu$  colliders. D 57, 550(1)
- Abbott, B. et al.** (D0 Collaboration) —  $Z\gamma$  production in  $p\bar{p}$  collisions at  $\sqrt{s}=1.8$  TeV and limits on anomalous  $ZZ\gamma$  and  $Z\gamma\gamma$  couplings. D 57, R3817(1)
- (see Abachi, S.) D 57, 589(BR)(1)
- Abdalla, E. and R. Mohayaee** — Decay amplitudes in two-dimensional QCD. D 57, 3777(15)
- Abe, F. et al.** (CDF Collaboration) — Properties of photon plus two-jet events in  $p\bar{p}$  collisions at  $\sqrt{s}=1.8$  TeV. D 57, 67(1)
- *et al.* (CDF Collaboration) — Search for the decays  $B_d^0 \rightarrow \mu^+ \mu^-$  and  $B_s^0 \rightarrow \mu^+ \mu^-$  in  $p\bar{p}$  collisions at  $\sqrt{s}=1.8$  TeV. D 57, R3811(1)
- *et al.* (CDF Collaboration) — Measurement of  $B$  hadron lifetimes using  $J/\psi$  final states at CDF. D 57, 5382(1)
- *et al.* (CDF Collaboration) — Jet pseudorapidity distribution in direct photon events in  $p\bar{p}$  collisions at  $\sqrt{s}=1.8$  TeV. D 57, 1359(1)
- Abe, K.** — (see Miura, M.) D 57, 5345(1)
- Abele, A. et al.** —  $p\bar{p}$  annihilation at rest into  $K_L K^\pm \pi^\mp$ . D 57, 3860(1)
- Ableev, V.** — (see Bertin, A.) D 57, 55(1)
- Abolins, M.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Abrahams, A. M.** — (see Rezzolla, L.) D 57, 1084(15)
- Acharya, B. S.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Achasov, N. N. and V. V. Gubin** — Interference in the reaction  $e^+e^- \rightarrow \gamma\pi^+\pi^-$  and the final state interaction. D 57, 1987(BR)(1)
- and **A. A. Kozhevnikov** — Isoscalar resonances with  $J^{PC}=1^{--}$  in  $e^+e^-$  annihilation. D 57, 4334(1)
- Achúcarro, Ana, Julian Borrill, and Andrew R. Liddle** — Semilocal string formation in two dimensions. D 57, 3742(15)
- Adam, Christoph and Gerardo L. Rossini** — Schwinger terms in Weyl-invariant and diffeomorphism-invariant 2D scalar field theory. D 57, 4833(15)
- Adam, I.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Adams, D. L.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Adams, M.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Adarkar, H. R., S. R. Dugad, M. R. Krishnaswamy, M. G. K. Menon, N. K. Mondal, V. S. Narasimham, B. V. Sreekantan, Y. Hayashi, N. Ito, S. Kawakami, S. Miyake, and Y. Uchiho** — Cosmic ray composition from multiple muon data with the KGF underground detector. D 57, 2653(1)
- Adomeit, J.** — (see Abele, A.) D 57, 3860(1)
- Afanasev, Andrei and Philip R. Page** — Photoproduction and electroproduction of  $J^{PC}=1^{+-}$  exotics. D 57, 6771(1)
- Agasyan, N. O. and K. Zarembo** — Phase structure and nonperturbative states in a three-dimensional adjoint Higgs model. D 57, 2475(15)
- Agnello, M.** — (see Bertin, A.) D 57, 55(1)
- Agrawal, V., S. M. Barr, John F. Donoghue, and D. Seckel** — Viable range of the mass scale of the standard model. D 57, 5480(1)
- Ahluwalia, D. V. and C. Burgard** — Interplay of gravitation and linear superposition of different mass eigenstates. D 57, 4724(15)
- Ahmady, Mohammad R., Victor Elias, and Emi Kou** — Nonperturbative QCD contribution to the gluon-gluon- $\eta'$  vertex. D 57, 7034(BR)(1)
- , **Emi Kou, and Akio Sugamoto** — Intermediate pseudoscalar resonance contributions to  $B \rightarrow X_s \gamma\gamma$ . D 57, 1997(BR)(1)
- Ahn, S.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Ahonen, Jarkko and Kari Enqvist** — Magnetic field generation in first order phase transition bubble collisions. D 57, 664(15)
- Aichelburg, P. C. and Ch. Lechner** —  $\sigma$  model on de Sitter space. D 57, 6176(15)
- Aihara, H.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Aitala, E. M. et al.** (Fermilab E791 Collaboration) — Search for  $D^0-\bar{D}^0$  mixing and doubly-Cabibbo-suppressed decays of the  $D^0$  in hadronic final states. D 57, 13(1)
- Aitchison, I. J. R. and C. D. Fosco** — Gauge invariance and effective actions in  $D=3$  at finite temperature. D 57, 1171(15)
- Akimoto, H.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Akopian, A.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Alam, M. S. et al.** (CLEO Collaboration) — Measurement of the branching fractions of  $\Lambda_c^+ \rightarrow p \bar{K} n (\pi)$ . D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)
- (see Bonvicini, G.) D 57, 6604(1)
- (see Gronberg, J.) D 57, 33(1)
- (see Nemat, B.) D 57, 5363(1)
- Alam, S., S. Dawson, and R. Szalapski** — Low-energy constraints on new physics reexamined. D 57, 1577(1)
- Alam, S. M. K.** — (see Nandi, K. K.) D 57, 823(15)
- Albrow, M. G.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Alcubierre, Miguel and Joan Massó** — Pathologies of hyperbolic gauges in general relativity and other field theories. D 57, R4511(15)
- Alexander, J. P.** — (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)
- (see Bonvicini, G.) D 57, 6604(1)
- (see Gronberg, J.) D 57, 33(1)
- (see Nemat, B.) D 57, 5363(1)
- Ali, A. and C. Greub** — Analysis of two-body nonleptonic  $B$  decays involving light mesons in the standard model. D 57, 2996(1)
- Álvarez, G.** — (see Abachi, S.) D 57, 589(BR)(1)

- Alvarez-Estrada, Ramón F. and Angel Gómez Nicola** — Schwinger and Thirring models at finite chemical potential and temperature. D 57, 3618<sup>(15)</sup>
- Alvero, Lyndon, John C. Collins, Mark Strikman, and J. J. Whitmore** — Probing small- $x$  parton densities in proton-proton(-nucleus) collisions in the very forward direction. D 57, 4063<sup>(1)</sup>
- Alves, G. A.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Amadon, A.** — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Amako, K.** — (see Miura, M.) D 57, 5345<sup>(1)</sup>
- Amato, S.** — (see Aitala, E. M.) D 57, 13<sup>(1)</sup>
- Amendolia, S. R.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Amidei, D.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Amidi, E.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Amiri, Farhang** — (see Ji, Chueng-Ryong) D 57, 7048(C)<sup>(1)</sup>
- Ammar, R. et al.** (CLEO Collaboration) — Measurement of the total cross section for  $e^+e^- \rightarrow \text{hadrons}$  at  $\sqrt{s} = 10.52$  GeV. D 57, 1350<sup>(1)</sup>  
 — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Amorim, Ricardo and Nelson R. F. Braga** — Global anomalies in the Batalin-Vilkovisky quantization. D 57, 1225<sup>(15)</sup>  
 — and **Ashok Das** — Supersymmetry and the chiral Schwinger model. D 57, 2599<sup>(15)</sup>
- Amos, N.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Amsler, C.** — (see Abele, A.) D 57, 3860<sup>(1)</sup>
- Amundson, James, Jon Pumplin, and Carl Schmidt** — Partonometry in  $W + \text{jet}$  production. D 57, 527<sup>(1)</sup>
- Anastassov, A.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Anchordoqui, L. A., M. T. Dova, L. N. Epele, and J. D. Swain** — A depression before a bump in the highest energy cosmic ray spectrum. D 57, 7103<sup>(15)</sup>
- Anchordoqui, Luis A., Diego F. Torres, Marta L. Trobo, and Santiago E. Perez Bergliaffa** — Evolving wormhole geometries. D 57, 829<sup>(15)</sup>
- Andersen, Jens O.** — Screening mass squared in hot scalar theory to order  $g^5$  using effective field theory. D 57, 5004<sup>(15)</sup>
- Anderson, E. W.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Anderson, S.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Andersson, B., G. Gustafson, and H. Kharraziha** — Investigations into the BFKL mechanism with a running QCD coupling. D 57, 5543<sup>(1)</sup>
- André, J. and T. Sjöstrand** — Matching of matrix elements and parton showers. D 57, 5767<sup>(1)</sup>
- Andreev, Oleg** — Touching random surfaces, two-dimensional quantum gravity, and noncritical string theory. D 57, 3725<sup>(15)</sup>
- Anjos, J. C.** — (see Aitala, E. M.) D 57, 13<sup>(1)</sup>
- Anninos, Peter, Steven Brandt, and Paul Walker** — New orthogonal body-fitting coordinates for colliding black hole spacetimes. D 57, 6158<sup>(15)</sup>
- Anselmi, D., J. Erlich, D. Z. Freedman, and A. A. Johansen** — Positivity constraints on anomalies in supersymmetric gauge theories. D 57, 7570<sup>(15)</sup>
- Antos, J.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Anway-Wiese, C.** — (see Abe, F.) D 57, 1359<sup>(1)</sup>
- Aoki, S., M. Fukugita, S. Hashimoto, N. Ishizuka, Y. Iwasaki, K. Kanaya, Y. Kuramashi, H. Mino, M. Okawa, A. Ukawa, and T. Yoshié (JLQCD Collaboration)** — Scaling study of the two-flavor chiral phase transition with the Kogut-Susskind quark action in lattice QCD. D 57, 3910<sup>(1)</sup>
- Aota, S.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Apollinari, G.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Appel, J. A.** — (see Aitala, E. M.) D 57, 13<sup>(1)</sup>
- Arai, Y.** — (see Miura, M.) D 57, 5345<sup>(1)</sup>
- Arbona, A., C. Bona, J. Carot, L. Mas, J. Massó, and J. Stela** — Stuffed black holes. D 57, 2397<sup>(15)</sup>
- Areti, H.** — (see Abe, F.) D 57, 1359<sup>(1)</sup>
- Arhrib, A., A. Djouadi, W. Hollik, and C. Jünger** — Supersymmetric Higgs boson decays into scalar quarks: QCD corrections. D 57, 5860<sup>(1)</sup>
- Arima, T.** — (see Miura, M.) D 57, 5345<sup>(1)</sup>
- Arisawa, T.** — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Arkani-Hamed, Nima and Hitoshi Murayama** — Renormalization group invariance of exact results in supersymmetric gauge theories. D 57, 6638<sup>(1)</sup>
- Arnold, Peter and Laurence G. Yaffe** — Effective theories for real-time correlations in hot plasmas. D 57, 1178<sup>(15)</sup>
- Aroca, J. M., Hugo Fort, and Rodolfo Gambini** — World sheet formulation for lattice staggered fermions. D 57, 3701<sup>(15)</sup>
- Aronson, S. H.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- Artuso, M.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Asada, Hideki** — Formulation for the internal motion of quasiequilibrium configurations in general relativity. D 57, 7292<sup>(15)</sup>
- Asakawa, T.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Asano, Y.** — (see Miura, M.) D 57, 5345<sup>(1)</sup>
- Ashbourn-Chamblin, J. M. A.** — (see Chamblin, A.) D 57, 3529<sup>(15)</sup>
- Ashery, D.** — (see Aitala, E. M.) D 57, 13<sup>(1)</sup>
- Ashmanskas, W.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Asner, D. M.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>

- Astur, R.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Atac, M.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Athanas, M.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Athar, S. B.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Atwood, D.** — (see Bar-Shalom, S.) D 57, 1495(1)
- Auchincloss, P.** — (see Abe, F.) D 57, 1359(1)
- Audretsch, Jürgen** — (see Marzlin, Karl-Peter) D 57, 1045(15)
- Aulakh, Charanjit S., Alejandra Melfo, and Goran Senjanović**  
 — Minimal supersymmetric left-right model. D 57, 4174(1)
- Averchenkova, L. A., K. V. Petrov, V. K. Petrov, and G. M. Zinovjev**  
 — Lattice asymmetry in finite temperature gluodynamics.  
 D 57, 112(1)
- Avery, P.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Awata, H., S. Chaudhuri, M. Li, and D. Minic** — Many-body dynamics of D0-branes. D 57, 5303(BR)(15)
- Azfar, F.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, 5382(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)
- Aznauryan, I. G.** — How to extract the  $P_{33}(1232)$  resonance contributions from the amplitudes  $M_{1+}^{3/2}, E_{1+}^{3/2}, S_{1+}^{3/2}$  of pion electroproduction on nucleons. D 57, 2727(1)
- Azzi, P.** — (see Abe, F.) D 57, 1359(1)
- Azzi-Bacchetta, P.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Baacke, Jürgen, Katrin Heitmann, and Carsten Pätzold** — Choice of initial states in nonequilibrium dynamics. D 57, 6398(15)  
 — , Katrin Heitmann, and Carsten Pätzold — Renormalization of nonequilibrium dynamics at large  $N$  and finite temperature.  
 D 57, 6406(15)
- Baarmand, M. M.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Babu, K. S., Christopher Kolda, and John March-Russell**  
 — Implications of generalized  $Z$ - $Z'$  mixing. D 57, 6788(1)  
 — , Q. Y. Liu, and A. Yu. Smirnov — Solar neutrinos and grand unification. D 57, 5825(1)
- Bacchetta, N.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Badalian, R. G. and S. Heppelmann** — Extracting the proton  $\bar{u}$  content from  $pp \rightarrow$  direct photon plus jet cross sections. D 57, 4367(1)
- Baden, A.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Badgett, W.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)
- Baek, M. S., Jungil Lee, Chun Liu, and H. S. Song** — Four-quark operators relevant to  $B$  meson lifetimes from QCD sum rules.  
 D 57, 4091(1)
- Baer, Howard and Michal Brhlik** — Neutralino dark matter in minimal supergravity: Direct detection versus collider searches. D 57, 567(1)  
 — , B. W. Harris, and Mary Hall Reno — Next-to-leading order slepton pair production at hadron colliders. D 57, 5871(1)  
 — and James D. Wells — Trilepton Higgs boson signal at hadron colliders. D 57, 4446(1)
- Bagan, Emili, Martin Lavelle, and David McMullan** — Soft dynamics and gauge theories. D 57, R4521(15)
- Bagdasarov, S.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Bai, J. Z. et al.** (BES Collaboration) — Direct measurement of  $B(D_s^+ \rightarrow \phi X^+)$ . D 57, 28(1)  
 — et al. (BES Collaboration) — Erratum: Search for a vector glueball by a scan of the  $J/\psi$  resonance [Phys. Rev. D 54, 1221 (1996)]. D 57, 3187(E)(1)  
 — et al. (BES Collaboration) — Search for  $\psi(2S)$  production in  $e^+e^-$  annihilations at 4.03 GeV. D 57, 3854(1)
- Baier, V. N. and V. M. Katkov** — Theory of the Landau-Pomeranchuk-Migdal effect. D 57, 3146(1)
- Baig, M. and J. Clua** — Monopole percolation in the compact Abelian Higgs model. D 57, 3902(1)
- Bailey, M. W.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Bak, Dongsu, Choonyu Lee, and Kimyeong Lee** — Dynamics of Bogomol'nyi-Prasad-Sommerfield dyons: Effective field theory approach. D 57, 5239(15)
- Baker, C. A.** — (see Abele, A.) D 57, 3860(1)
- Baker, R.** — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)
- Bakker, B. L. G.** — (see Schoonderwoerd, N. C. J.) D 57, 4965(15)
- Balamurali, V.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Balasubramanian, R. and S. V. Dhurandhar** — Estimation of parameters of gravitational wave signals from coalescing binaries.  
 D 57, 3408(15)
- Balasubramanian, Vijay, Finn Larsen, and Robert G. Leigh**  
 — Branes at angles and black holes. D 57, 3509(15)
- Balázs, C., E. L. Berger, S. Mrenna, and C.-P. Yuan** — Photon pair production with soft gluon resummation in hadronic interactions.  
 D 57, 6934(1)
- Balázs, L. K., J. Balog, P. Forgács, N. Mohammedi, L. Palla, and J. Schnittger** — Quantum equivalence of  $\sigma$  models related by non-Abelian duality transformations. D 57, 3585(15)
- Balbinot, R., L. Mazzacurati, and A. Fabbri** — Dilaton gravity black holes with a regular interior. D 57, 6185(15)
- Balderston, J.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Baldin, B.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Balest, R.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Balestra, F.** — (see Bertin, A.) D 57, 55(1)
- Balog, J.** — (see Balázs, L. K.) D 57, 3585(15)

- Baltz, A. J. and Mark Strikman** — Suppression of heavy ion  $\gamma\gamma$  production of the Higgs particle by Coulomb dissociation. D 57, 548<sup>(1)</sup>
- Baltz, Edward A. and Paolo Gondolo** — Neutralino decay rates with explicit  $R$ -parity violation. D 57, 2969<sup>(1)</sup>
- and **Paolo Gondolo** — Limits on  $R$ -parity violation from cosmic ray antiprotons. D 57, 7601<sup>(15)</sup>
- Bañados, Máximo** — Constant curvature black holes. D 57, 1068<sup>(15)</sup>
- Banerjee, N. and S. Sen** — Power law inflation and scalar field cosmology with a causal viscous fluid. D 57, 4614<sup>(15)</sup>
- (see Sen, A. A.) D 57, 6558<sup>(BR)(15)</sup>
- Banerjee, S.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- (see Aitala, E. M.) D 57, 13<sup>(1)</sup>
- Bantly, J.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Bao, J.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- Barbaro-Galtieri, A.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Barberis, E.** — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Barbero G., J. Fernando, Alfredo Tiemblo, and Romualdo Tresguerres** — Husain-Kuchař model: Time variables and nondegenerate metrics. D 57, 6104<sup>(15)</sup>
- Barceló, Carlos and Luis J. Garay** — Quantum fields in anti-de Sitter wormholes. D 57, 5291<sup>(BR)(15)</sup>
- Bardeen, W., A. Duncan, E. Eichten, G. Hockney, and H. Thacker** — Light quarks, zero modes, and exceptional configurations. D 57, 1633<sup>(1)</sup>
- , **A. Duncan, E. Eichten, and H. Thacker** — Quenched approximation artifacts: A study in two-dimensional QED. D 57, 3890<sup>(1)</sup>
- Bardon, O.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>
- (see Bai, J. Z.) D 57, 3187<sup>(E)(1)</sup>
- Barger, V., Kingman Cheung, K. Hagiwara, and D. Zeppenfeld** — Global study of electron-quark contact interactions. D 57, 391<sup>(1)</sup>
- , **Kingman Cheung, D. P. Roy, and D. Zeppenfeld** — Relaxing atomic parity violation constraints on new physics. D 57, R3833<sup>(1)</sup>
- and **Chung Kao** — Relic density of neutralino dark matter in supergravity models. D 57, 3131<sup>(1)</sup>
- Barik, N., S. Kar, and P. C. Dash** — Exclusive rare radiative decays of  $B$  mesons. D 57, 405<sup>(1)</sup>
- Baring, Matthew G.** — (see Weise, Jeanette I.) D 57, 5526<sup>(1)</sup>
- Baringer, P.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>
- (see Ammar, R.) D 57, 1350<sup>(1)</sup>
- (see Bishai, M.) D 57, 3847<sup>(1)</sup>
- (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>
- (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>
- (see Gronberg, J.) D 57, 33<sup>(1)</sup>
- (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Barish, B.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>
- (see Ammar, R.) D 57, 1350<sup>(1)</sup>
- (see Bishai, M.) D 57, 3847<sup>(1)</sup>
- (see Gronberg, J.) D 57, 33<sup>(1)</sup>
- (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Barnes, V. E.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Barnett, B. A.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Barnett, B. M.** — (see Abele, A.) D 57, 3860<sup>(1)</sup>
- Barone, M.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Barr, S. M.** — Sliding-singlet mechanism revived. D 57, 190<sup>(1)</sup>
- (see Agrawal, V.) D 57, 5480<sup>(1)</sup>
- Barraco, Daniel E. and Victor H. Hamity** — Stellar model in a fourth order theory of gravity. D 57, 954<sup>(15)</sup>
- Barreiro, T., B. de Carlos, and E. J. Copeland** — Nonperturbative corrections to the Kähler potential. D 57, 7354<sup>(15)</sup>
- Barrow, John D. and Mariusz P. Dąbrowski** — Is there chaos in low-energy string cosmology? D 57, 7204<sup>(15)</sup>
- and **Kerstin E. Kunze** — Spherical curvature inhomogeneities in string cosmology. D 57, 2255<sup>(15)</sup>
- Bar-Shalom, S., D. Atwood, and A. Soni** —  $CP$  violation in single top quark production and decay via  $p\bar{p} \rightarrow t\bar{b} + X \rightarrow W^+ b\bar{b} + X$  within the MSSM: A possible application for measuring  $\arg(A_t)$  at hadron colliders. D 57, 1495<sup>(1)</sup>
- , **G. Eilam, A. Soni, and J. Wudka** — Implications of a  $W^+W^-(ZZ)$ -Higgs boson- $t\bar{c}$  interaction for  $e^+e^- \rightarrow t\bar{c}\nu_e\bar{\nu}_e$ ,  $t\bar{c}e^+e^-$ ,  $t\bar{c}Z$  and for  $t\bar{c}W^+W^-$ ,  $cZZ$  in a two Higgs doublet model. D 57, 2957<sup>(1)</sup>
- Bartalini, P.** — (see Abe, F.) D 57, 1359<sup>(1)</sup>
- Bartelt, J.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>
- (see Ammar, R.) D 57, 1350<sup>(1)</sup>
- (see Bishai, M.) D 57, 3847<sup>(1)</sup>
- (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>
- (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>
- (see Gronberg, J.) D 57, 33<sup>(1)</sup>
- (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Bartlett, J. F.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Barzi, E.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- Bashir, A., A. Kizilersü, and M. R. Pennington** — Nonperturbative three-point vertex in massless quenched QED and perturbation theory constraints. D 57, 1242<sup>(15)</sup>
- Bassetto, A.** — Infrared singularities in the null-plane bound-state equation when going to 1 + 1 dimensions. D 57, 3609<sup>(15)</sup>
- and **G. Nardelli** — Class of two-dimensional Yang-Mills vacua and their relation to the nonlinear sigma model. D 57, 2628<sup>(BR)(15)</sup>
- Batty, C. J.** — (see Abele, A.) D 57, 3860<sup>(1)</sup>
- Bauer, Christian** — Corrections to moments of the photon spectrum in the inclusive decay  $B \rightarrow X_s \gamma$ . D 57, 5611<sup>(1)</sup>
- and **Aneesh V. Manohar** — Renormalization group scaling of the  $1/m^2$  HQET Lagrangian. D 57, 337<sup>(1)</sup>
- Bauer, G.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Baumann, T.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Baumgarte, T. W., G. B. Cook, M. A. Scheel, S. L. Shapiro, and S. A. Teukolsky** — Stability of relativistic neutron stars in binary orbit. D 57, 6181<sup>(15)</sup>
- , **G. B. Cook, M. A. Scheel, S. L. Shapiro, and S. A. Teukolsky** — General relativistic models of binary neutron stars in quasiequilibrium. D 57, 7299<sup>(15)</sup>
- (see Rezzolla, L.) D 57, 1084<sup>(15)</sup>
- Baur, U., T. Han, and J. Ohnemus** — QCD corrections and anomalous couplings in  $Z\gamma$  production at hadron colliders. D 57, 2823<sup>(1)</sup>
- , **S. Keller, and W. K. Sakumoto** — QED radiative corrections to  $Z$  boson production and the forward-backward asymmetry at hadron colliders. D 57, 199<sup>(1)</sup>
- Bazeia, D.** — (see Edelstein, J. D.) D 57, 7561<sup>(15)</sup>
- Bazizi, K.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Bean, A.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>
- (see Ammar, R.) D 57, 1350<sup>(1)</sup>
- (see Bishai, M.) D 57, 3847<sup>(1)</sup>
- (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>
- (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>
- (see Gronberg, J.) D 57, 33<sup>(1)</sup>

- (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Bebek, C.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Becker, Katrin and Melanie Becker** — Graviton scattering amplitudes in M theory. D 57, 6464<sup>(15)</sup>  
**Becker, Melanie** — (see Becker, Katrin) D 57, 6464<sup>(15)</sup>  
**Bedeschi, F.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Bediaga, I.** — (see Aitala, E. M.) D 57, 13<sup>(1)</sup>  
**Beesham, Aroon** — (see Chatterjee, S.) D 57, 6544(BR)<sup>(15)</sup>  
**Behrends, S.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Behrens, B. H.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Beig, R. and N. O Murchadha** — Late time behavior of the maximal slicing of the Schwarzschild black hole. D 57, 4728<sup>(15)</sup>  
**Belforte, S.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Bellerive, A.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Belletini, G.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Bellinger, J.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Bellucci, S.** — Effective gravity and  $O\text{Sp}(N,4)$ -invariant matter. D 57, 1057<sup>(15)</sup>  
**Belyaev, A.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Benatti, F. and R. Floreanini** — Bell's locality and  $\varepsilon'/\varepsilon$ . D 57, R1332<sup>(1)</sup>  
**Benayoun, M.** — (see Abele, A.) D 57, 3860<sup>(1)</sup>  
**Bender, Carl M. and Kimball A. Milton** — Model of supersymmetric quantum field theory with broken parity symmetry. D 57, 3595<sup>(15)</sup>  
**Bendich, J.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
**Bendiscioli, G.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>  
**Benke, M., M. Krämer, and M. Vanttinen** — Inelastic photoproduction of polarized  $J/\psi$ . D 57, 4258<sup>(1)</sup>  
**Benjamin, D.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Benlloch, J.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
**Bennett, D. L., H. B. Nielsen, and R. P. Woodard** — Initial value problem for maximally nonlocal actions. D 57, 1167<sup>(15)</sup>  
**Bensinger, J.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Bento, Luís** — Neutrino oscillations: A source of Goldstone fields. D 57, 583<sup>(1)</sup>  
**Benton, D.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
**Berdoz, A.** — (see Abele, A.) D 57, 3860<sup>(1)</sup>  
**Berera, Arjun, Li-Zhi Fang, and Gary Hinshaw** — Attempt to determine the largest scale of primordial density perturbations in the universe. D 57, 2207<sup>(15)</sup>  
**Beretvas, A.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Berezhnoy, A. V., V. V. Kiselev, A. K. Likhoded, and A. I. Onishchenko** — Doubly charmed baryon production in hadronic experiments. D 57, 4385<sup>(1)</sup>  
**Berezin, V. A., A. M. Boyarsky, and A. Yu. Neronov** — Quantum geometrodynamics for black holes and wormholes. D 57, 1118<sup>(15)</sup>  
**Berezinsky, V., Anjan S. Joshipura, and José W. F. Valle** — Gravitational violation of  $R$  parity and its cosmological signatures. D 57, 147<sup>(1)</sup>  
**Berge, J. P.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Berger, B. E.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Berger, Beverly K. and David Garfinkle** — Phenomenology of the Gowdy universe on  $T^3 \times R$ . D 57, 4767<sup>(15)</sup>  
 — and Vincent Moncrief — Numerical evidence that the singularity in polarized  $U(1)$  symmetric cosmologies on  $T^3 \times R$  is velocity dominated. D 57, 7235<sup>(15)</sup>  
**Berger, E. L.** — (see Balázs, C.) D 57, 6934<sup>(1)</sup>  
**Berger, Edmond L. and Harry Contopanagos** — Threshold resummation of the total cross section for heavy quark production in hadronic collisions. D 57, 253<sup>(1)</sup>  
**Bergerhoff, Bastian and Christof Wetterich** — Effective quark interactions and QCD propagators. D 57, 1591<sup>(1)</sup>  
**Bergfeld, T.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Bergo, D.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>  
**Bergström, Lars** — (see Ullio, Piero) D 57, 1962<sup>(1)</sup>  
**Beri, S. B.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Berkelman, K.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Bernui, A., G. I. Gomero, M. J. Rebouças, and A. F. F. Teixeira** — Radiation damping in FRW space-times with different topologies. D 57, 4699<sup>(15)</sup>  
**Berruto, F., G. Grignani, G. W. Semenoff, and P. Sodano** — Chiral symmetry breaking on the lattice: A study of the strongly coupled lattice Schwinger model. D 57, 5070<sup>(15)</sup>  
**Berryhill, J.** — (see Abe, F.) D 57, 67<sup>(1)</sup>

- (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Bertin, A. et al.** (The OBELIX Collaboration) — Study of the  $f_0(1500)/f_2(1565)$  production in the exclusive annihilation  $\bar{n}p \rightarrow \pi^+ \pi^+ \pi^-$  in flight. D 57, 55(1)
- Bertoldi, Gaetano and Marco Matone** —  $N=2$  supersymmetric Yang-Mills renormalization group scale as modulus for Witten-Dijkgraaf-Verlinde-Verlinde equations. D 57, 6483(15)
- Bertolini, S. and J. Matias** —  $b \rightarrow s \gamma \gamma$  transition in softly broken supersymmetry. D 57, 4197(1)
- Bertolucci, S.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Bertram, I.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- (BES Collaboration)** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Besson, D.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Bettelli, S.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Beuchert, K.** — (see Abele, A.) D 57, 3860(1)
- Bevensee, B.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Bezzubov, V. A.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Bhalerao, R. S. and J. T. Londergan** — Using Drell-Yan processes to probe nucleon and meson structure functions. D 57, 3065(1)
- Bhat, P. C.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Bhatnagar, V.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Bhattacharjee, B.** — (see Nandi, K. K.) D 57, 823(15)
- Bhattacharjee, M.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Bhattacharya, Tanmoy, Rajan Gupta, and Kim Maltman** — Extraction of light quark masses from sum rule analyses of axial vector and vector current Ward identities. D 57, 5455(1)
- Bhattacharyya, Gautam** — Non-Abelian flavor symmetry and  $R$  parity. D 57, 3944(1)  
 — **and Amitava Raychaudhuri** — New constraints on  $R$ -parity violation from  $K$  and  $B$  systems. D 57, R3837(1)
- Bhatti, A.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Bhui, B.** — (see Chatterjee, S.) D 57, 6544(BR)(15)
- Bias, A., H. Navelet, and R. Peschanski** — QCD triple Pomeron coupling from string amplitudes. D 57, R6585(1)  
 — **, R. Peschanski, and Ch. Royon** — Towards a unified description of total and diffractive structure functions at DESY HERA in the QCD dipole picture. D 57, 6899(1)
- Bian, J. G.** — (see Bai, J. Z.) D 57, 3854(1)
- Bianchi, M., M. Brunetti, E. Coccia, F. Fucito, and J. A. Lobo** — Cross section of a resonant-mass detector for scalar gravitational waves. D 57, 4525(15)
- Biery, K.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Bigongiari, C.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Bilenky, S. M., C. Giunti, and W. Grimus** — Bounds on long-baseline  $\bar{\nu}_e \rightarrow \bar{\nu}_e$  and  $\bar{\nu}_\mu \rightarrow \bar{\nu}_e$  transition probabilities. D 57, 1920(1)  
 — **, C. Giunti, C. W. Kim, and M. Monteno** — Neutrino oscillation constraints on neutrinoless double-beta decay. D 57, 6981(1)
- Billar, Steven and Jim Buckley** — Comment on “Evidence for supersymmetric dark matter annihilations into  $\gamma$  rays”. D 57, 2637(C)(15)
- Binger, Michael** — (see Ji, Chueng-Ryong) D 57, 7048(C)(1)
- Binkley, M.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Binoth, T.** — (see Ghinculov, A.) D 57, 1487(1)
- Bird, F.** — (see Abe, F.) D 57, 1359(1)
- Birse, Michael C.** — (see Abada, Abdellatif) D 57, 292(1)
- Bischoff, A.** — (see Abachi, S.) D 57, 589(BR)(1)
- Bischoff, S.** — (see Abele, A.) D 57, 3860(1)
- Bisello, D.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Bishai, M. et al.** (CLEO Collaboration) — Search for the decay  $B \rightarrow D_{s1}^+(2536)X$ . D 57, 3847(1)  
 — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Bishop, Nigel T., Richard Isaacson, Manoj Maharaj, and Jeffrey Winicour** — Black hole data via a Kerr-Schild approach. D 57, 6113(15)
- Biswas, Anindya K., Alok Kumar, and Gautam Sengupta** — Oscillating D-strings from type IIB matrix theory. D 57, 5141(15)
- Biswas, N.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Blaes, Omer** — (see Thompson, Christopher) D 57, 3219(15)
- Blair, R. E.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Blanford, G., K. Gollwitzer, M. Mandelkern, J. Schultz, G. Takei, G. Zioulas, D. C. Christian, and C. T. Munger** — Measuring the antihydrogen Lamb shift with a relativistic antihydrogen beam. D 57, 6649(1)
- Blaylock, G.** — (see Aitala, E. M.) D 57, 13(1)
- Blazey, G.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Blencowe, M. P., H. F. Jones, and A. P. Korte** — Applying the linear  $\delta$  expansion to the  $i\phi^3$  interaction. D 57, 5092(15)
- Blessing, S.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Blinov, S.** — (see Ammar, R.) D 57, 1350(1)  
 — (see Gronberg, J.) D 57, 33(1)
- Bliss, D. W. et al.** (CLEO Collaboration) — New limits for neutrinoless tau decays. D 57, 5903(BR)(1)  
 — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Blocker, C.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Blok, B. and M. Lublinsky** — Parton-hadron duality in QCD sum rules: Quantum-mechanical examples. D 57, 2676(1)  
 — **, M. Shifman, and Da-Xin Zhang** — Illustrative example of how quark-hadron duality might work. D 57, 2691(1)

- Bloom, Elliott D. and James D. Wells** — Multi-GeV photons from electron–dark-matter scattering near active galactic nuclei. D 57, 1299(BR)(15)
- Bloom, K.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Bloom, P.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Bluhm, Robert, V. Alan Kostecký, and Neil Russell** — *CPT* and Lorentz tests in Penning traps. D 57, 3932(1)
- Blum, I.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Blüm, P.** — (see Abele, A.) D 57, 589(BR)(1)
- Blümlein, Johannes and Andreas Vogt** — On the resummed gluon anomalous dimension and structure functions at small  $x$ . D 57, R1(1)
- Blusk, S.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Bodek, A.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Boehm, Céline** — (see Gangui, Alejandro) D 57, 2580(15)
- Boehnlein, A.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Boer, D. and P. J. Mulders** — Time-reversal odd distribution functions in leptonproduction. D 57, 5780(1)  
 — , **P. J. Mulders, and O. V. Teryaev** — Single spin asymmetries from a gluonic background in the Drell-Yan process. D 57, 3057(1)
- Boersma, Jelle P.** — Averaging in cosmology. D 57, 798(15)
- Boisseau, B.** — (see Charmousis, C.) D 57, 5150(15)
- Boisvert, V.** — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)
- Bojko, N. I.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Bokhari, W.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Bolla, G.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Bolognesi, V.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)
- Bona, C.** — (see Arbona, A.) D 57, 2397(15)
- Bonanno, Alfio and Dario Zappalà** — Two loop results from the derivative expansion of the blocked action. D 57, 7383(15)
- Bond, J. R., A. H. Jaffe, and L. Knox** — Estimating the power spectrum of the cosmic microwave background. D 57, 2117(15)
- Bonushkin, Y.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Bonvicini, G. et al.** (CLEO Collaboration) — Study of semileptonic decays of  $B$  mesons to charmed baryons. D 57, 6604(1)  
 — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Boos, E., H.-J. He, W. Kilian, A. Pukhov, C.-P. Yuan, and P. M. Zerwas** — Strongly interacting vector bosons at TeV  $e^+e^-$  linear colliders. D 57, 1553(1)
- Bora, K. and R. L. Jaffe** — Double-scattering contribution to  $b_1(x, Q^2)$  in the deuteron. D 57, 6906(1)
- Borcherding, F.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Bordag, M., G. T. Gillies, and V. M. Mostepanenko** — Erratum: New constraints on the Yukawa-type hypothetical interaction from the recent Casimir force measurement [Phys. Rev. D 56, R6 (1997)]. D 57, 2024(E)(1)
- Borders, J.** — (see Abachi, S.) D 57, 589(BR)(1)
- Borgani, Stefano** — (see Pierpaoli, Elena) D 57, 2089(15)
- Börnig, I.** — (see Petrov, V. Yu.) D 57, 4325(1)
- Boros, C. and Liang Zuo-tang** — Spin content of  $\Lambda$  and its longitudinal polarization in  $e^+e^-$  annihilation at high energies. D 57, 4491(BR)(1)
- Borrill, Julian** — (see Achúcarro, Ana) D 57, 3742(15)
- Bortoletto, D.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Bos, J. W., D. Chang, S. C. Lee, Y. C. Lin, and H. H. Shih** — Heavy-baryon chiral perturbation theory and reparametrization invariance. D 57, 4101(1)
- Boswell, C.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
 — (see Abe, F.) D 57, 1359(1)
- Botta, E.** — (see Bertin, A.) D 57, 55(1)
- Boudreau, J.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Boulos, T.** — (see Abe, F.) D 57, 1359(1)
- Bousso, Raphael and Stephen W. Hawking** — (Anti-)evaporation of Schwarzschild–de Sitter black holes. D 57, 2436(15)
- Bowler, K. C., R. D. Kenway, L. Lellouch, J. Nieves, O. Oliveira, D. G. Richards, C. T. Sachrajda, N. Stella, and P. Ueberholz (UKQCD Collaboration)** — First lattice study of semileptonic decays of  $\Lambda_b$  and  $\Xi_b$  baryons. D 57, 6948(1)
- Bowser-Chao, David** — (see Abbasabadi, Ali) D 57, 550(1)
- Boyakovsky, D., D. Cormier, H. J. de Vega, R. Holman, and S. P. Kumar** — Nonperturbative quantum dynamics of a new inflation model. D 57, 2166(15)  
 — , **C. Destri, H. J. de Vega, R. Holman, and J. Salgado** — Asymptotic dynamics in scalar field theory: Anomalous relaxation. D 57, 7388(15)  
 — , **Will Loinaz, and R. S. Willey** — Gauge-invariant Higgs boson mass bounds from the physical effective potential. D 57, 100(1)
- Boyakovsky, Daniel, Hector J. de Vega, Richard Holman, S. Prem Kumar, and Robert D. Pisarski** — Nonequilibrium evolution of a “tsunami,” a high multiplicity initial quantum state: Dynamical symmetry breaking. D 57, 3653(15)
- Boyarsky, A. M.** — (see Berezin, V. A.) D 57, 1118(15)
- Braaten, Eric and Yu-Qi Chen** — Renormalons in electromagnetic annihilation decays of quarkonium. D 57, 4236(1)
- Bracker, S. B.** — (see Aitala, E. M.) D 57, 13(1)
- Brady, Patrick R., Teviet Creighton, Curt Cutler, and Bernard F. Schutz** — Searching for periodic sources with LIGO. D 57, 2101(15)
- Braga, Nelson R. F.** — (see Amorim, Ricardo) D 57, 1225(15)
- Braghin, Fábio L.** — Time dependent variational calculations for the quantum fluctuations of the  $\lambda\phi^4$  model. D 57, 3548(15)  
 — Generalized correlation functions for the  $\lambda\phi^4$  model. D 57, 6317(15)
- Brandenberger, R.** — (see Zanchin, V.) D 57, 4651(15)
- Brandenberger, Robert H.** — (see MacGibbon, Jane H.) D 57, 2158(15)
- Brandenburg, G.** — (see Abe, F.) D 57, 1359(1)  
 — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Brandt, A.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)

- Brandt, Steven** — (see Anninos, Peter) D 57, 6158<sup>(15)</sup>
- Braune, K.** — (see Abele, A.) D 57, 3860<sup>(1)</sup>
- Breakstone, A.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>
- (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>
- Breccia, L.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Bressani, T.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>
- Bretón, N., A. A. Garcia, V. S. Manko, and T. E. Denisova** — Arbitrarily deformed Kerr-Newman black hole in an external gravitational field. D 57, 3382<sup>(15)</sup>
- Brhlik, Michal** — (see Baer, Howard) D 57, 567<sup>(1)</sup>
- Briere, R. A.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>
- (see Ammar, R.) D 57, 1350<sup>(1)</sup>
- (see Bishai, M.) D 57, 3847<sup>(1)</sup>
- (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>
- (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>
- (see Gronberg, J.) D 57, 33<sup>(1)</sup>
- (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Brink, D. M. and Fl. Stancu** — Tetraquarks with heavy flavors. D 57, 6778<sup>(1)</sup>
- Brito, F. A.** — (see Edelstein, J. D.) D 57, 7561<sup>(15)</sup>
- Brock, R.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Brodsky, Stanley J., Chueng-Ryong Ji, Alex Pang, and David G. Robertson** — Optimal renormalization scale and scheme for exclusive processes. D 57, 245<sup>(1)</sup>
- Broggini, C.** — (see Moretti, M.) D 57, 4160<sup>(1)</sup>
- Bromberg, C.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Bronzan, J. B.** — Statistical operator for electroweak baryogenesis. D 57, 2079<sup>(15)</sup>
- Bross, A.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Brotz, Thorsten** — Quantization of black holes in the Wheeler-DeWitt approach. D 57, 2349<sup>(15)</sup>
- Browder, T. E., A. Datta, X.-G. He, and S. Pakvasa** —  $CP$  violation in quasi-inclusive  $B \rightarrow K^{(*)} X$  decays. D 57, 6829<sup>(1)</sup>
- (see Alam, M. S.) D 57, 4467<sup>(1)</sup>
- (see Ammar, R.) D 57, 1350<sup>(1)</sup>
- (see Bishai, M.) D 57, 3847<sup>(1)</sup>
- (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>
- (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>
- (see Gronberg, J.) D 57, 33<sup>(1)</sup>
- (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Brower, W. S.** — (see Ammar, R.) D 57, 1350<sup>(1)</sup>
- Brown, J. David** — Boundary states and black hole entropy. D 57, 2624(BR)<sup>(15)</sup>
- Bruner, N.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Brunetti, M.** — (see Bianchi, M.) D 57, 4525<sup>(15)</sup>
- Brunetti, R.** — (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Bruschi, M.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>
- Brustein, Ram and Merav Hadad** — Particle production in string cosmology models. D 57, 725<sup>(15)</sup>
- and Richard Madden — Model of graceful exit in string cosmology. D 57, 712<sup>(15)</sup>
- Buchalla, Gerhard and Andrzej J. Buras** — Two-loop large- $m_t$  electroweak corrections to  $K \rightarrow \pi \nu \nu$  for an arbitrary Higgs boson mass. D 57, 216<sup>(1)</sup>
- Buchholz, D.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Buckley, Jim** — (see Biller, Steven) D 57, 2637(C)<sup>(15)</sup>
- Buckley-Geer, E.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Budd, H. S.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Buonanno, A., K. A. Meissner, C. Ungarelli, and G. Veneziano** — Classical inhomogeneities in string cosmology. D 57, 2543<sup>(15)</sup>
- Burakovsky, L. and T. Goldman** — Regarding the enigmas of  $P$ -wave meson spectroscopy. D 57, 2879<sup>(1)</sup>
- Buras, Andrzej J.** — (see Buchalla, Gerhard) D 57, 216<sup>(1)</sup>
- Burchat, P. R.** — (see Aitala, E. M.) D 57, 13<sup>(1)</sup>
- Burden, C. J.** — Analytic structure of heavy quark propagators. D 57, 276<sup>(1)</sup>
- Burdman, Gustavo** — Short distance coefficients and the vanishing of the lepton asymmetry in  $B \rightarrow VI^+ I^-$ . D 57, 4254<sup>(1)</sup>
- Burgard, C.** — (see Ahluwalia, D. V.) D 57, 4724<sup>(15)</sup>
- Burinskii, A.** — Kerr spinning particle, strings, and superparticle models. D 57, 2392<sup>(15)</sup>
- Burkardt, Matthias** — Finiteness conditions for light-front Hamiltonians. D 57, 1136<sup>(15)</sup>
- and Koji Harada — Light-front description for the theta dependence of meson masses in the massive Schwinger model. D 57, R5950<sup>(15)</sup>
- Burkett, K.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Burko, Lior M. and Amos Ori** — Analytic study of the null singularity inside spherical charged black holes. D 57, R7084<sup>(15)</sup>
- Burnett, T.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>
- (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>
- Burnstein, R. A.** — (see Aitala, E. M.) D 57, 13<sup>(1)</sup>
- Burton, Howard and Robert B. Mann** — Palatini variational principle for an extended Einstein-Hilbert action. D 57, 4754<sup>(15)</sup>
- Burtovoi, V. S.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Busetto, G.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Bussa, M. P.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>
- Busso, L.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>
- Butler, J. M.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Buzzo, A.** — (see Evangelista, C.) D 57, 5370<sup>(1)</sup>
- Byland, Samuel and David Scialom** — Evolution of the Bianchi type I, Bianchi type III, and the Kantowski-Sachs universe: Isotropization and inflation. D 57, 6065<sup>(15)</sup>
- Byon-Wagner, A.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Byrum, K. L.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Bytsenko, Andrei A., Luciano Vanzo, and Sergio Zerbini** — Quantum correction to the entropy of the (2+1)-dimensional black hole. D 57, 4917<sup>(15)</sup>
- Cadavid, A. C. and R. J. Finkelstein** — General relativistic solitons. D 57, 7318<sup>(15)</sup>
- Cai, Rong-Gen, Jeong-Young Ji, and Kwang-Sup Soh** — Topological dilaton black holes. D 57, 6547(BR)<sup>(15)</sup>
- Caldwell, R. R. and Paul J. Steinhardt** — Imprint of gravitational waves in models dominated by a dynamical cosmic scalar field. D 57, 6057<sup>(15)</sup>

- Calucci, G. and D. Treleani** — Minijets and the two-body parton correlation. D 57, 503<sup>(1)</sup>
- **and D. Treleani** — Self-similarity of the negative binomial multiplicity distributions. D 57, 602(BR)<sup>(1)</sup>
- Calvo, D.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>
- Calzetta, Esteban A., Alejandra Kandas, and Francisco D. Mazzitelli** — Primordial magnetic fields induced by cosmological particle creation. D 57, 7139<sup>(15)</sup>
- Camarda, Karen and Edward Seidel** — Numerical evolution of dynamic 3D black holes: Extracting waves. D 57, R3204<sup>(15)</sup>
- Cammerata, J.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Campagnari, C.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- Campbell, M.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Caner, A.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Cao, Jun, Tao Huang, and Hui-fang Wu** — Narrow width of a glueball decay into two mesons. D 57, 4154<sup>(1)</sup>
- Capovilla, Riccardo and Jemal Guven** — Deformations of extended objects with edges. D 57, 5158<sup>(15)</sup>
- Capponi, M.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>
- Capstick, Simon and W. Roberts** — New baryons in the  $\Delta\eta$  and  $\Delta\omega$  channels. D 57, 4301<sup>(1)</sup>
- Carithers, W.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Carlos, B. de** — (see Barreiro, T.) D 57, 7354<sup>(15)</sup>
- Carlsmith, D.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Carot, J.** — (see Arbona, A.) D 57, 2397<sup>(15)</sup>
- Carrington, M. E. and R. Kobes** — General cancellation of ladder graphs at finite temperature. D 57, 6372<sup>(15)</sup>
- , **R. Kobes, and E. Petitgirard** — Cancellation of ladder graphs in an effective expansion. D 57, 2631(BR)<sup>(15)</sup>
- Carroll, Sean M. and Mark Trodden** — Dirichlet topological defects. D 57, 5189<sup>(15)</sup>
- Cartas-Fuentevilla, R.** — Perturbations in dilaton-axion gravity coupled with electromagnetic fields. D 57, 3433<sup>(15)</sup>
- Symplectic current for the field perturbations in dilaton-axion gravity coupled with Abelian fields. D 57, 3443<sup>(15)</sup>
- Carter, T.** — (see Aitala, E. M.) D 57, 13<sup>(1)</sup>
- Carvalho, H. S.** — (see Aitala, E. M.) D 57, 13<sup>(1)</sup>
- Carvalho, W.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Casadio, R., B. Harms, and Y. Leblanc** — Statistical mechanics of Kerr-Newman dilaton black holes and the bootstrap condition. D 57, 1309(BR)<sup>(15)</sup>
- Casadio, Roberto and Benjamin Harms** — Poincaré coset models  $ISO(d-1,1)/IR^n$  and  $T$  duality. D 57, 7507<sup>(15)</sup>
- Case, T.** — (see Abele, A.) D 57, 3860<sup>(1)</sup>
- Casey, D.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Casilum, Z.** — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Cassada, J.** — (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Cassel, D. G.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>
- (see Ammar, R.) D 57, 1350<sup>(1)</sup>
- (see Bishai, M.) D 57, 3847<sup>(1)</sup>
- (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>
- (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>
- (see Gronberg, J.) D 57, 33<sup>(1)</sup>
- (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- (see Gronberg, J.) D 57, 33<sup>(1)</sup>
- (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Cassidy, M. J. and S. W. Hawking** — Models for chronology selection. D 57, 2372<sup>(15)</sup>
- Castagnino, Mario** — Mathematical structure of quantum superspace as a consequence of time asymmetry. D 57, 750<sup>(15)</sup>
- Castilla-Valdez, H.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Castro, A.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Cauz, D.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Cavaglia, Marco** — Solvable model of two-dimensional dilaton gravity coupled to a massless scalar field. D 57, 5295(BR)<sup>(15)</sup>
- Cavion, C.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>
- (CDF Collaboration)** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Cen, Y.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- Cerdonio, M.** — (see Crivelli-Visconti, V.) D 57, 2045<sup>(15)</sup>
- Cerello, P.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>
- Cerón, Victoria E., Umberto Cotti, J. Lorenzo Diaz-Cruz, and Mario Maya** — Constraints on the parameters of the left-right mirror model. D 57, 1934<sup>(1)</sup>
- Cerri, A.** — (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Cervelli, F.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- Chadha, M.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>
- (see Ammar, R.) D 57, 1350<sup>(1)</sup>
- (see Bishai, M.) D 57, 3847<sup>(1)</sup>
- (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>
- (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>
- (see Gronberg, J.) D 57, 33<sup>(1)</sup>
- (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Chai, Z. W.** — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>
- Chakraborty, D.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Chamblin, A. and J. M. A. Ashbourn-Chamblin** — Black hole pairs and supergravity domain walls. D 57, 3529<sup>(15)</sup>
- Chamseddine, Ali H. and Mikhail S. Volkov** — Non-Abelian solitons in  $N=4$  gauged supergravity and leading order string theory. D 57, 6242<sup>(15)</sup>
- Chan, S.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>
- (see Ammar, R.) D 57, 1350<sup>(1)</sup>
- (see Bishai, M.) D 57, 3847<sup>(1)</sup>
- (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>
- (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>
- (see Gronberg, J.) D 57, 33<sup>(1)</sup>
- (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Chang, Chao-Hsi, Cong-Feng Qiao, and Jian-Xiong Wang** —  $J/\psi$  electromagnetic production at  $e^+e^-$  colliders. D 57, 4035<sup>(1)</sup>
- Chang, D.** — (see Bos, J. W.) D 57, 4101<sup>(1)</sup>
- Chang, P. S.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Chang, P. T.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Chang, S.-M.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Chao, H. Y.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>

- Chao, Kuang-Ta** — (see Yuan, Feng) D 57, 610(BR)(1)  
 — (see Yuan, Feng) D 57, 5658(1)
- Chapman, J.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Charmousis, C., B. Boisseau, and B. Linet** — Dynamics of a self-gravitating global string with a large Higgs boson mass. D 57, 5150(15)
- Chatterjee, S., Aroon Beesham, B. Bhui, and Tanwi Ghosh** — Inhomogeneous cosmological models in  $D=6$ ,  $N=2$  Kaluza-Klein supergravity. D 57, 6544(BR)(15)
- Chaudhuri, S.** — (see Awata, H.) D 57, 5303(BR)(15)
- Chay, Junegone and Sun Myong Kim** — Azimuthal correlation in lepton-hadron scattering via charged weak-current processes. D 57, 224(1)
- Chekulaev, S. V.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Chen, G. P.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Chen, H. F.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Chen, J.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Chen, J. C.** — (see Bai, J. Z.) D 57, 3854(1)
- Chen, Jiunn-Wei and Martin J. Savage** — Hadronic and electromagnetic interactions of quarkonia. D 57, 2837(1)
- Chen, L.-P.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Chen, S. J.** — (see Bai, J. Z.) D 57, 28(1)
- Chen, S. M.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)
- Chen, W.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Chen, Y.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Chen, Y. B.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Chen, Y. Q.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Chen, Yu-Qi** — (see Braaten, Eric) D 57, 4236(1)
- Cheng, B. S.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Cheng, Hai-Yang, Chi-Yee Cheung, Chien-Wen Hwang, and Wei-Min Zhang** — Covariant light-front model of heavy mesons within heavy quark effective theory. D 57, 5598(1)
- Cheng, Hsin-Chia, Jonathan L. Feng, and Nir Polonsky** — Signatures of multi-TeV scale particles in supersymmetric theories. D 57, 152(1)
- Cheng, M.-T.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Cheng, T. P. and Ling-Fong Li** — Chiral quark model of nucleon spin-flavor structure with SU(3) and axial-U(1) breakings. D 57, 344(1)
- Chertok, M.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Cheung, Charlotte and João Magueijo** — Non-Gaussian sampling effects on the estimation of the cosmic microwave background power spectrum. D 57, 3285(15)
- Cheung, Chi-Yee** — (see Cheng, Hai-Yang) D 57, 5598(1)
- Cheung, Kingman** — (see Barger, V.) D 57, 391(1)  
 — (see Barger, V.) D 57, R3833(1)
- Chiarelli, G.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Chiba, M.** — (see Miura, M.) D 57, 5345(1)
- Chiba, Takeshi, Kei-ichi Maeda, Ken-ichi Nakao, and Taro Tsukamoto** — Two boosted black holes in asymptotically de Sitter space-time: Relation between mass and apparent horizon formation. D 57, 6119(15)
- Chiba, Y.** — (see Miura, M.) D 57, 5345(1)
- Chikamatsu, T.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)
- Chiku, S. and T. Hatsuda** — Soft modes associated with chiral transition at finite temperature. D 57, R6(1)
- Chiladze, George** — Quenched chiral perturbation theory for heavy baryons. D 57, 5586(1)
- Chiou, C. N.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Chivukula, R. S., F. M. Renard, and C. Verzegnassi** — General constraints on light resonances in a strongly coupled symmetry-breaking sector. D 57, 2760(1)
- Cho, H. A.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Cho, K.** — (see Ammar, R.) D 57, 1350(1)
- Cho, Peter** — Moduli in exceptional supersymmetric gauge theories. D 57, 5214(15)
- Choi, Kiwoon, Hang Bae Kim, and Carlos Muñoz** — Four-dimensional effective supergravity and soft terms in  $M$  theory. D 57, 7521(15)
- Choi, S.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Choi, S. Y., C. S. Kim, Y. J. Kwon, and Sam-Hyeon Lee** — High energy FCNC search through  $e\mu$  colliders. D 57, 7023(BR)(1)
- Chopra, S.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Choudhary, B. C.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Chow, Chi-Keung** — Aspects of quenched chiral perturbation theory for matter fields. D 57, 6762(1)
- Christenson, J. H.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Christian, D. C.** — (see Blanford, G.) D 57, 6649(1)
- Christofek, L.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Chu, M. L.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Chung, Daniel J. H., Glennys R. Farrar, and Edward W. Kolb** — Are ultrahigh energy cosmic rays a signal for supersymmetry? D 57, 4606(15)
- Chung, M.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Chung, S. U.** — General formulation of covariant helicity-coupling amplitudes. D 57, 431(1)
- Cicalò, C.** — (see Bertin, A.) D 57, 55(1)
- Cihangir, S.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Cinabro, D.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)

- (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Claes, D.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Clark, A. G.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Clark, A. R.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Clark, T. E., Taekoon Lee, S. T. Love, and Guo-Hong Wu**  
— Interactions of light gravitinos. D 57, 5912(BR)<sup>(1)</sup>
- Cleaver, Gerald, Mirjam Cvetič, Jose R. Espinosa, Lisa Everett, and Paul Langacker** — Intermediate scales,  $\mu$  parameter, and fermion masses from string models. D 57, 2701<sup>(1)</sup>
- Clément, Gérard** — From Schwarzschild to Kerr: Generating spinning Einstein-Maxwell fields from static fields. D 57, 4885<sup>(15)</sup>
- (CLEO Collaboration)** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>
- (see Ammar, R.) D 57, 1350<sup>(1)</sup>
- (see Bishai, M.) D 57, 3847<sup>(1)</sup>
- (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>
- (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>
- (see Gronberg, J.) D 57, 33<sup>(1)</sup>
- (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Close, Frank E., Isard Dunietz, Philip R. Page, Siniša Veseli, and Hitoshi Yamamoto** — Gluonic hadrons and charmless  $B$  decays. D 57, 5653<sup>(1)</sup>
- Clua, J.** — (see Baig, M.) D 57, 3902<sup>(1)</sup>
- Coan, T. E.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>
- (see Ammar, R.) D 57, 1350<sup>(1)</sup>
- (see Bishai, M.) D 57, 3847<sup>(1)</sup>
- (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>
- (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>
- (see Gronberg, J.) D 57, 33<sup>(1)</sup>
- (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Cobal, M.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Cobau, W. G.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Cocca, E.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Coccia, E., V. Fafone, G. Frossati, J. A. Lobo, and J. A. Ortega**  
— Hollow sphere as a detector of gravitational radiation. D 57, 2051<sup>(15)</sup>
- (see Bianchi, M.) D 57, 4525<sup>(15)</sup>
- Cochran, J.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Cocolicchio, Decio** — Characterization of unstable particles. D 57, 7251<sup>(15)</sup>
- Coffman, D. M.** — (see Ammar, R.) D 57, 1350<sup>(1)</sup>
- (see Gronberg, J.) D 57, 33<sup>(1)</sup>
- Cognola, Guido** — Thermodynamics of scalar fields in Kerr's geometry. D 57, 6292<sup>(15)</sup>
- and Paola Lecca — Electromagnetic fields in Schwarzschild and Reissner-Nordström geometry: Quantum corrections to the black hole entropy. D 57, 1108<sup>(15)</sup>
- Colangelo, P., F. De Fazio, P. Santorelli, and E. Scrimieri**  
— Erratum: QCD sum rule analysis of the decays  $B \rightarrow K \ell^+ \ell^-$  and  $B \rightarrow K^* \ell^+ \ell^-$  [Phys. Rev. D 53, 3672 (1996)]. D 57, 3186(E)<sup>(1)</sup>
- Colistete, Roberto, Jr., Júlio C. Fabris, and Nelson Pinto-Neto**  
— Singularities and the classical limit in quantum cosmology with scalar fields. D 57, 4707<sup>(15)</sup>
- Collamati, A.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>
- Collins, John C.** — Proof of factorization for diffractive hard scattering. D 57, 3051<sup>(1)</sup>
- (see Alvero, Lyndon) D 57, 4063<sup>(1)</sup>
- Conrad, Janet** — (see Formaggio, Joseph A.) D 57, 7037(BR)<sup>(1)</sup>
- Contopanagos, Harry** — (see Berger, Edmond L.) D 57, 253<sup>(1)</sup>
- Contreras, M.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Conway, J.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Cook, G. B.** — (see Baumgarte, T. W.) D 57, 6181<sup>(15)</sup>
- (see Baumgarte, T. W.) D 57, 7299<sup>(15)</sup>
- (see Rezzolla, L.) D 57, 1084<sup>(15)</sup>
- Cooper, J.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Cooper, W. E.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Copeland, E. J., James E. Lidsey, and David Wands** — Cosmology of the type IIB superstring. D 57, R625<sup>(15)</sup>
- (see Barreiro, T.) D 57, 7354<sup>(15)</sup>
- (see Saffin, P. M.) D 57, 5064<sup>(15)</sup>
- Copeland, Edmund J., Andrew R. Liddle, and David Wands**  
— Exponential potentials and cosmological scaling solutions. D 57, 4686<sup>(15)</sup>
- Coppage, D.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>
- (see Ammar, R.) D 57, 1350<sup>(1)</sup>
- (see Bishai, M.) D 57, 3847<sup>(1)</sup>
- (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>
- (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>
- (see Gronberg, J.) D 57, 33<sup>(1)</sup>
- (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Copt, N. K.** — (see Aitala, E. M.) D 57, 13<sup>(1)</sup>
- Cordelli, M.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Corley, Steven** — Computing the spectrum of black hole radiation in the presence of high frequency dispersion: An analytical approach. D 57, 6280<sup>(15)</sup>
- and Ted Jacobson — Lattice black holes. D 57, 6269<sup>(15)</sup>
- Cormier, D.** — (see Boyanovsky, D.) D 57, 2166<sup>(15)</sup>
- Cornish, Neil J., David Spergel, and Glenn Starkman** — Can COBE see the shape of the universe? D 57, 5982<sup>(15)</sup>
- Cornwall, John M.** — One-loop gap equations for the magnetic mass in  $d=3$  gauge theory. D 57, 3694<sup>(15)</sup>
- Center vortices and confinement versus screening. D 57, 7589<sup>(15)</sup>
- Corradini, M.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>
- Costa, C. G. S.** — Accelerator measurements needed to resolve uncertainties in primary cosmic ray composition and inelasticity. D 57, 4361<sup>(1)</sup>
- Costa, S.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>
- Costanzo, D.** — (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Cotsakis, S., R. L. Lemmer, and P. G. L. Leach** — Adiabatic invariants and mixmaster catastrophes. D 57, 4691<sup>(15)</sup>
- Cotti, Umberto** — (see Cerón, Victoria E.) D 57, 1934<sup>(1)</sup>
- Cousins, Robert D.** — (see Feldman, Gary J.) D 57, 3873<sup>(1)</sup>
- Coutinho, Y. A., J. A. Martins Simões, C. M. Porto, and P. P. Queiroz Filho** — Single heavy lepton production in hadron-hadron collisions. D 57, 6975<sup>(1)</sup>
- Couyoumtzelis, C.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Covi, Laura, Nuria Rius, Esteban Roulet, and Francesco Vissani**  
— Finite temperature effects on  $CP$ -violating asymmetries. D 57, 93<sup>(1)</sup>
- Covolan, R. J. M. and M. S. Soares** — Study on the Pomeron structure function. D 57, 180<sup>(1)</sup>
- Cowan, R. F.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>

- (see Bai, J. Z.) D 57, 3187(E)(1)
- Craig, W.** — (see Zanchin, V.) D 57, 4651(15)
- Cramer, Claes R. and Bernard S. Kay** — Thermal and two-particle stress-energy must be ill defined on the two-dimensional Misner space chronology horizon. D 57, 1052(15)
- Cramer, O.** — (see Abele, A.) D 57, 3860(1)
- Crane, D.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- Crédé, V.** — (see Abele, A.) D 57, 3860(1)
- Creighton, Teviet** — (see Brady, Patrick R.) D 57, 2101(15)
- Cremaldi, L. M.** — (see Aitala, E. M.) D 57, 13(1)
- Cretsinger, C.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Crivelli-Visconti, V., A. Ortolan, L. Taffarello, G. Vedovato, M. Cerdonio, G. A. Prodi, and S. Vitale** — Timing with resonant gravitational wave detectors: An experimental test. D 57, 2045(15)
- Cronin-Hennessy, D.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Crowcroft, D. S.** — (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)
- (see Bonvicini, G.) D 57, 6604(1)
- (see Gronberg, J.) D 57, 33(1)
- (see Nemati, B.) D 57, 5363(1)
- Crowe, K. M.** — (see Abele, A.) D 57, 3860(1)
- Csáki, Csaba, Lisa Randall, and Witold Skiba** — Composite intermediary and mediator models of gauge-mediated supersymmetry breaking. D 57, 383(1)
- , **Martin Schmaltz, Witold Skiba, and John Terning** — Gauge theories with tensors from branes and orientifolds. D 57, 7546(15)
- Csorna, S. E.** — (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)
- (see Bonvicini, G.) D 57, 6604(1)
- (see Gronberg, J.) D 57, 33(1)
- (see Nemati, B.) D 57, 5363(1)
- Cucchieri, Attilio and Tereza Mendes** — Multigrid implementation of the Fourier acceleration method for Landau gauge fixing. D 57, R3822(1)
- Cui, X. Z.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Bai, J. Z.) D 57, 3854(1)
- Culbertson, R.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Cullen-Vidal, D.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Cummings, M. A. C.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Cunningham, J. D.** — (see Abe, F.) D 57, 1359(1)
- Cutler, Curt** — Angular resolution of the LISA gravitational wave detector. D 57, 7089(15)
- (see Brady, Patrick R.) D 57, 2101(15)
- Cutts, D.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Cvetič, G.** — Improvement of the method of diagonal Padé approximants for perturbative series in gauge theories. D 57, R3209(15)
- Cvetič, Mirjam and Finn Larsen** — Greybody factors for black holes in four dimensions: Particles with spin. D 57, 6297(15)
- (see Cleaver, Gerald) D 57, 2701(1)
- Czarnecki, Andrzej, Kirill Melnikov, and Nikolai Uraltsev** — Complete  $O(\alpha_s^2)$  corrections to zero-recoil sum rules for  $B \rightarrow D^*$  transitions. D 57, 1769(1)
- (D0 Collaboration)** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Dąbrowski, Mariusz P. and Arne L. Larsen** — Strings in homogeneous background spacetimes. D 57, 5108(15)
- (see Barrow, John D.) D 57, 7204(15)
- Dagenhart, D.** — (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Dahl, O. I.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Daigo, M.** — (see Miura, M.) D 57, 5345(1)
- Damgaard, Poul H. and Shinsuke M. Nishigaki** — Universal massive spectral correlators and three-dimensional QCD. D 57, 5299(BR)(15)
- Damiani, P.** — (see Bertin, A.) D 57, 55(1)
- da Motta, H.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Damour, Thibault, Bala R. Iyer, and B. S. Sathyaprakash** — Improved filters for gravitational waves from inspiraling compact binaries. D 57, 885(15)
- Daniels, T.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Darling, C.** — (see Aitala, E. M.) D 57, 13(1)
- (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)
- (see Bonvicini, G.) D 57, 6604(1)
- (see Gronberg, J.) D 57, 33(1)
- (see Nemati, B.) D 57, 5363(1)
- Das, Ashok and Gerald Dunne** — Finite temperature perturbation theory and large gauge invariance. D 57, 5023(15)
- (see Amorim, Ricardo) D 57, 2599(15)
- Dash, P. C.** — (see Barik, N.) D 57, 405(1)
- da Silva, A. J.** — (see Gomes, M.) D 57, 3579(15)
- Datta, A., K. Whisnant, Bing-Lin Young, and X. Zhang** —  $b\bar{b}$  production on the Z resonance and implications for CERN LEP 2. D 57, 364(1)
- (see Browder, T. E.) D 57, 6829(1)
- Datta, Anindya and Amitava Raychaudhuri** — Next to minimal Higgs boson: Mass bounds and search prospects at the CERN LHC. D 57, 2940(1)
- Datta, Saumen and Rajiv V. Gavai** — Phase transitions in  $SO(3)$  lattice gauge theory. D 57, 6618(1)
- Davis, Anne-Christine** — (see Davis, Stephen C.) D 57, 5184(15)
- (see Dimopoulos, Konstantinos) D 57, 692(15)
- Davis, K.** — (see Abbott, B.) D 57, R3817(1)
- Davis, R.** — (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)
- (see Bonvicini, G.) D 57, 6604(1)
- (see Gronberg, J.) D 57, 33(1)
- (see Nemati, B.) D 57, 5363(1)
- Davis, Stephen C., Anne-Christine Davis, and Mark Trodden** — Cosmic strings, zero modes, and supersymmetry breaking in non-Abelian  $N=1$  gauge theories. D 57, 5184(15)
- Dawson, S. and L. Reina** — QCD corrections to associated Higgs boson production. D 57, 5851(1)
- (see Alam, S.) D 57, 1577(1)
- De, J. N.** — (see Uma Maheswari, V. S.) D 57, 3242(15)
- De, K.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- de Barbaro, P.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Debevec, P. T.** — (see Evangelista, C.) D 57, 5370(1)
- De Bièvre, S. and J. Renaud** — Massless Gupta-Bleuler vacuum on the  $(1+1)$ -dimensional de Sitter space-time. D 57, 6230(15)

- De Castro, S.** — (see Bertin, A.) D 57, 55(1)
- Dedes, A., C. Panagiotakopoulos, and K. Tamvakis** — Radiative GUT symmetry breaking in an  $R$ -symmetric flipped SU(5) model. D 57, 5493(1)
- De Fazio, F.** — (see Colangelo, P.) D 57, 3186(E)(1)
- de Florian, D., O. A. Sampayo, and R. Sassot** — Next-to-leading order analysis of inclusive and semi-inclusive polarized data. D 57, 5803(1)
- , **M. Stratmann, and W. Vogelsang** — QCD analysis of unpolarized and polarized  $\Lambda$ -baryon production in leading and next-to-leading order. D 57, 5811(1)
- and **W. Vogelsang** — Next-to-leading order QCD corrections to inclusive-hadron photoproduction in polarized lepton-proton collisions. D 57, 4376(1)
- de Garcia Maia, M. R.** — (see Tavares, D. M.) D 57, 2305(15)
- Degener, T.** — (see Abele, A.) D 57, 3860(1)
- de Gouvêa, André, Alexander Friedland, and Hitoshi Murayama** — Next-to-minimal supersymmetric standard model with the gauge mediation of supersymmetry breaking. D 57, 5676(1)
- DeJongh, F.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- de Laix, Andrew A., Mark Trodden, and Tanmay Vachaspati** — Topological inflation with multiple winding. D 57, 7186(15)
- Delbourgo, R. and Dongsheng Liu** — Amplitude analysis of hadron decays. D 57, 5732(1)
- Delchamps, S.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- Del Duca, Vittorio and Carl R. Schmidt** — Virtual next-to-leading corrections to the impact factors in the high-energy limit. D 57, 4069(1)
- Dell’Agnello, S.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Dell’Orso, M.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Delphenich, David and Joseph Schechter** — Remark on the potential function of the linear sigma model. D 57, 3962(1)
- Del Signore, K.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Demarteau, M.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- de Mello Neto, J. R. T.** — (see Aitala, E. M.) D 57, 13(1)
- Demina, R.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Demir, D. A. and N. K. Pak** — One-loop effects in supergravity models with an additional U(1). D 57, 6609(1)
- de Miranda, J. M.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Aitala, E. M.) D 57, 13(1)
- Demortier, L.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Denby, B.** — (see Abe, F.) D 57, 1359(1)
- Deninno, M.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Denisov, D.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Denisov, O. Y.** — (see Bertin, A.) D 57, 55(1)
- Denisov, S. P.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Denisova, T. E.** — (see Bretón, N.) D 57, 3382(15)
- de Oliveira, H. P. and Rudnei O. Ramos** — Dynamical system analysis for inflation with dissipation. D 57, 741(15)
- Deruelle, Nathalie** — (see Uzan, Jean-Philippe) D 57, 7192(15)
- Derwent, P. F.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Deser, S., L. Griguolo, and D. Seminara** — Effective QED actions: Representations, gauge invariance, anomalies, and mass expansions. D 57, 7444(15)
- Deshpande, N. G., B. Dutta, and Sechul Oh** — Critical study of  $B$  decays to light pseudoscalars. D 57, 5723(1)
- Destri, C.** — (see Boyanovsky, D.) D 57, 7388(15)
- de Troconiz, J. F.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- de Vega, H. J.** — (see Boyanovsky, D.) D 57, 2166(15)
- (see Boyanovsky, D.) D 57, 7388(15)
- de Vega, Hector J.** — (see Boyanovsky, Daniel) D 57, 3653(15)
- Devlin, T.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Dhurandhar, S. V.** — (see Balasubramanian, R.) D 57, 3408(15)
- Diaz-Cruz, J. Lorenzo** — (see Cerón, Victoria E.) D 57, 1934(1)
- Dickson, M.** — (see Abe, F.) D 57, 1359(1)
- (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)
- (see Bonvicini, G.) D 57, 6604(1)
- (see Gronberg, J.) D 57, 33(1)
- (see Nemat, B.) D 57, 5363(1)
- Dicus, Duane A., Chung Kao, and Wayne W. Repko** — Effective Lagrangians and low energy photon-photon scattering. D 57, 2443(15)
- , **Rabindra N. Mohapatra, and Vigdor L. Teplitz** — Supernova constraints on a superlight gravitino. D 57, 578(1)
- , **Rabindra N. Mohapatra, and Vigdor L. Teplitz** — Erratum: Supernova constraints on a superlight gravitino [Phys. Rev. D 57, 578 (1998)]. D 57, 4496(E)(1)
- (see Abbasabadi, Ali) D 57, 550(1)
- Diehl, H. T.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Diener, K.-P. O., B. A. Kniehl, and A. Pilaftsis** — Loop effects of exotic leptons on vector-boson pair production at  $e^+e^-$  colliders. D 57, 2771(1)
- Diesburg, M.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Dighe, Amol S., Michael Gronau, and Jonathan L. Rosner** —  $B$  decays to charmless VP final states. D 57, 1783(1)
- Dilkes, F. A., D. G. C. McKeon, and K. Nguyen** — Yukawa coupling in three dimensions. D 57, 1159(15)
- Di Loreto, G.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Dimopoulos, Konstantinos** — Primordial magnetic fields from superconducting cosmic strings. D 57, 4629(15)
- and **Anne-Christine Davis** — Friction domination with superconducting strings. D 57, 692(15)
- Ding, H. L.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Bai, J. Z.) D 57, 3854(1)
- Ding, L. Y.** — (see Bai, J. Z.) D 57, 3854(1)
- D’Isep, F.** — (see Bertin, A.) D 57, 55(1)
- Dittmann, J. R.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Djaoshvili, N.** — (see Abele, A.) D 57, 3860(1)

- Djouadi, A., P. Gambino, S. Heinemeyer, W. Hollik, C. Jünger, and G. Weiglein** — Leading QCD corrections to scalar quark contributions to electroweak precision observables. D 57, 4179(1)  
 — (see Arhrib, A.) D 57, 5860(1)
- Dmitrašinović, V.** — Axial U(1) symmetry breaking and the second Weinberg sum rule. D 57, 7019(BR)(1)
- d'Oliveira, A. B.** — (see Aitala, E. M.) D 57, 13(1)
- D'Olivo, Juan Carlos and José F. Nieves** — Nucleon effects on the photon dispersion relations in matter. D 57, 3116(1)
- Donà, R.** — (see Bertin, A.) D 57, 55(1)
- Donati, S.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Done, J.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Dong, Hui-Shi, Xin-Heng Guo, Xue-Qian Li, and Rui Zhang** — Possible explanation why  $\tau_{B^\pm} \sim \tau_{B^0}$  but  $\tau_{D^\pm} \sim 2\tau_{D^0}$ . D 57, 6807(1)
- Dong, L. Y.** — (see Bai, J. Z.) D 57, 3854(1)
- Dong, S. J.** — (see Thron, C.) D 57, 1642(1)
- Donoghue, John F.** — Weight for random quark masses. D 57, 5499(1)  
 — (see Agrawal, V.) D 57, 5480(1)
- Donzella, A.** — (see Bertin, A.) D 57, 55(1)
- Dorigo, T.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Dosch, H. G., T. Gousset, and H. J. Pirner** — Nonperturbative  $\gamma^*p$  interaction in the diffractive regime. D 57, 1666(1)  
 — (see Rueter, Michael) D 57, 4097(1)
- Doser, M.** — (see Abele, A.) D 57, 3860(1)
- dos Reis, A. C.** — (see Aitala, E. M.) D 57, 13(1)
- Dova, M. T.** — (see Anchordoqui, L. A.) D 57, 7103(15)
- Draper, P.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Drees, M., S. Pakvasa, X. Tata, and T. ter Veldhuis** — Supersymmetric resolution of solar and atmospheric neutrino puzzles. D 57, R5335(1)
- Drell, P. S.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Drijard, D.** — (see Evangelista, C.) D 57, 5370(1)
- Drinkard, J.** — (see Abachi, S.) D 57, 589(BR)(1)
- Drucker, R. B.** — (see Abe, F.) D 57, 1359(1)
- Drucker, Robert** — (see Formaggio, Joseph A.) D 57, 7037(BR)(1)
- Drummond, I. T.** — (see Manke, T.) D 57, R3829(1)
- Du, Dong-Sheng and Mao-Zhi Yang** — Momentum spectrum of the  $\eta'$  meson in the inclusive decay  $B \rightarrow \eta' X_s$ . D 57, R5332(1)
- Du, Z. Z.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Dubin, M. N. and H. S. Song** — Anomalous W boson production at DESY HERA. D 57, 2927(1)
- Duboscq, J. E.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Ducros, Y.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Dudko, L. V.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Dugad, S. R.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- (see Adarkar, H. R.) D 57, 2653(1)
- Duncan, A.** — (see Bardeen, W.) D 57, 1633(1)  
 — (see Bardeen, W.) D 57, 3890(1)
- Dunietz, Isard** — (see Close, Frank E.) D 57, 5653(1)
- Dunn, A.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)
- Dunne, Gerald and Joshua Feinberg** — Self-isospectral periodic potentials and supersymmetric quantum mechanics. D 57, 1271(15)  
 — (see Das, Ashok) D 57, 5023(15)
- Dünnweber, W.** — (see Abele, A.) D 57, 3860(1)
- Dunwoodie, W.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Durrer, R. and M. Kunz** — Cosmic microwave background anisotropies from scaling seeds: Generic properties of the correlation functions. D 57, R3199(15)
- Dutta, B.** — (see Deshpande, N. G.) D 57, 5723(1)
- Eardley, Douglas M.** — Black hole boundary conditions and coordinate conditions. D 57, 2299(15)
- Ebert, D., V. O. Galkin, and R. N. Faustov** — Mass spectrum of orbitally and radially excited heavy-light mesons in the relativistic quark model. D 57, 5663(1)
- Éboli, O., F. Halzen, and J. K. Mizukoshi** — Associated production of weak bosons and jets by multiple parton interactions. D 57, 1730(1)
- Éboli, O. J. P., R. Z. Funchal, and T. L. Lungov** — Signal and backgrounds for leptiquarks at the CERN LHC. D 57, 1715(1)
- Ecklund, K. M.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Eddy, N.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Edelstein, J. D., M. L. Trobo, F. A. Brito, and D. Bazeia** — Kinks inside supersymmetric domain ribbons. D 57, 7561(15)
- Edmunds, D.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Edwards, K. W.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Efimov, A.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Ehmanns, A.** — (see Abele, A.) D 57, 3860(1)
- Ehrlich, R.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Eichten, E.** — (see Bardeen, W.) D 57, 1633(1)  
 — (see Bardeen, W.) D 57, 3890(1)

- Eicker, N., Th. Lippert, K. Schilling, A. Spitz, J. Fingberg, S. Gsken, H. Hoerber, J. Viehoff, and SESAM Collaboration** — Improved  $\Upsilon$  spectrum with dynamical Wilson fermions. D 57, 4080(1)
- Eigen, G.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Eilam, G.** — (see Bar-Shalom, S.) D 57, 2957(1)
- Einsweiler, K.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Eisenstein, B. I.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Eisenstein, R. A.** — (see Evangelista, C.) D 57, 5370(1)
- Eletsky, Vladimir L., Alex C. Kalloniatis, Frieder Lenz, and Michael Thies** — Magnetic and thermodynamic stability of SU(2) Yang-Mills theory. D 57, 5010(15)
- Elia, R.** — (see Ammar, R.) D 57, 1350(1)  
 — (see Gronberg, J.) D 57, 33(1)
- Elias, J. E.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Elias, Victor** — (see Ahmady, Mohammad R.) D 57, 7034(BR)(1)
- Elizalde, Emilio, Antonio Filippi, Luciano Vanzo, and Sergio Zerbini** — One-loop effective potential for a fixed charged self-interacting bosonic model at finite temperature with its related multiplicative anomaly. D 57, 7430(15)
- Ellis, J., I. Jack, D. R. T. Jones, M. Karliner, and M. A. Samuel** — Asymptotic Pad  approximant predictions: Up to five loops in QCD and SQCD. D 57, 2665(1)
- Ellison, J.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Elvira, V. D.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Ely, R.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Engel, R.** — (see Roesler, S.) D 57, 2889(1)
- Engelhardt, D.** — (see Abele, A.) D 57, 3860(1)
- Engelmann, R.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Engels, E., Jr.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Eno, S.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
 — (see Abe, F.) D 57, 1359(1)
- Enqvist, Kari** — (see Ahonen, Jarkko) D 57, 664(15)
- Epele, L. N.** — (see Anchordoqui, L. A.) D 57, 7103(15)
- Eppley, G.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Erdmann, W.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Erllich, J.** — (see Anselmi, D.) D 57, 7570(15)
- Ermolov, P.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Ernst, J.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Eroshin, O. V.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Errede, D.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Errede, S.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Ershov, A.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Espinosa, Jose R.** — (see Cleaver, Gerald) D 57, 2701(1)
- Evangelista, C. et al.** — Study of the reaction  $\bar{p}p \rightarrow \phi\phi$  from 1.1 to 2.0 GeV/c. D 57, 5370(1)
- Evans, J.** — (see Nandi, K. K.) D 57, 823(15)
- Evdokimov, V. N.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Everett, Lisa** — (see Cleaver, Gerald) D 57, 2701(1)
- Eyrich, W.** — (see Evangelista, C.) D 57, 5370(1)
- Ezawa, Kiyoshi, Yutaka Matsuo, and Koichi Murakami** — Matrix regularization of an open supermembrane: Towards M-theory five-branes via open supermembranes. D 57, 5118(15)
- Fabbri, A.** — (see Balbinot, R.) D 57, 6185(15)
- Faber, M., J. Greensite, and S. Olejnik** — Casimir scaling from center vortices: Towards an understanding of the adjoint string tension. D 57, 2603(15)
- Faber, Manfred** — (see Zach, Martin) D 57, 123(1)
- Fabris, Jlio C.** — (see Colistete, Roberto, Jr.) D 57, 4707(15)
- Fadeyev, V.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Faessler, M. A.** — (see Abele, A.) D 57, 3860(1)
- Fafone, V.** — (see Coccia, E.) D 57, 2051(15)
- Fahey, S.** — (see Abachi, S.) D 57, 589(BR)(1)
- Fahland, T.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Fajfer, S. and A. Ilakovac** — Lepton-flavor violation in light hadron decays. D 57, 4219(1)
- Falcone, D., O. Pisanti, and L. Rosa** — Fermion mass matrices in terms of the Cabibbo-Kobayashi-Maskawa matrix and mass eigenvalues. D 57, 195(1)
- Falk, Adam F., Alexander L. Kagan, Yosef Nir, and Alexey A. Petrov** — Final state interactions and new physics in  $B \rightarrow \pi K$  decays. D 57, 4290(1)
- **and Michael Luke** — Hadronic spectral moments in semileptonic  $B$  decays with a lepton energy cut. D 57, 424(1)
- Fan, Q.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Fan, X. L.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)
- Fanara, C.** — (see Bertin, A.) D 57, 55(1)

- Fang, J.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
**Fang, Li-Zhi** — (see Berera, Arjun) D 57, 2207(15)  
**Farhat, B.** — (see Abe, F.) D 57, 1359(1)  
**Farrar, Glennys R.** — (see Chung, Daniel J. H.) D 57, 4606(15)  
**Fast, J.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Fatyga, M.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Fatyga, M. K.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Faustov, R. N.** — (see Ebert, D.) D 57, 5663(1)  
**Fava, L.** — (see Bertin, A.) D 57, 55(1)  
**Featherly, J.** — (see Abachi, S.) D 57, 589(BR)(1)  
**Feher, S.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Feigenbaum, James A., Peter G. O. Freund, and Mircea Pigli**  
 — Gravitational analogues of nonlinear Born electrodynamics.  
 D 57, 4738(15)  
**Feild, G.** — (see Abe, F.) D 57, 67(1)  
**Feild, R. G.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Fein, D.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Feinberg, Joshua** — (see Dunne, Gerald) D 57, 1271(15)  
**Feldman, Gary J. and Robert D. Cousins** — Unified approach to the  
 classical statistical analysis of small signals. D 57, 3873(1)  
**Feliciello, A.** — (see Bertin, A.) D 57, 55(1)  
**Feng, Jonathan L., Takeo Moroi, Hitoshi Murayama, and Erhard  
 Schnapka** — Third generation familons,  $B$  factories, and  
 neutrino cosmology. D 57, 5875(1)  
 — (see Cheng, Hsin-Chia) D 57, 152(1)  
**Feng, S.** — (see Bai, J. Z.) D 57, 3854(1)  
**Feng, Z.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Ferbel, T.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**(Fermilab E791 Collaboration)** — (see Aitala, E. M.) D 57, 13(1)  
**Fernandez, A.** — (see Aitala, E. M.) D 57, 13(1)  
**Fero, M.** — (see Bai, J. Z.) D 57, 3187(E)(1)  
**Ferrera, Antonio** — Defect formation in first order phase transitions  
 with damping. D 57, 7130(15)  
**Ferrero, L.** — (see Bertin, A.) D 57, 55(1)  
**Ferretti, A.** — (see Bertin, A.) D 57, 55(1)  
**Ferretti, C.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Filippi, A.** — (see Bertin, A.) D 57, 55(1)  
**Filippi, Antonio** — (see Elizalde, Emilio) D 57, 7430(15)  
**Filippini, V.** — (see Bertin, A.) D 57, 55(1)  
**Fingberg, J.** — (see Eicker, N.) D 57, 4080(1)  
**Finkelstein, R. J.** — (see Cadavid, A. C.) D 57, 7318(15)  
**Finocchiaro, G.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Fiorentini, G.** — (see Moretti, M.) D 57, 4160(1)  
**Fiori, I.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Fischer, H.** — (see Evangelista, C.) D 57, 5370(1)  
**Fishbane, Paul M. and P. Q. Hung** — Dynamics and symmetries for  
 pure phase mass matrices. D 57, 2743(1)  
**Fisher, K. D.** — (see Ammar, R.) D 57, 1350(1)  
 — (see Gronberg, J.) D 57, 33(1)  
**Fisk, H. E.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Fisyak, Y.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Flanagan, Éanna É. and Scott A. Hughes** — Measuring gravitational  
 waves from binary black hole coalescences. I. Signal to noise for  
 inspiral, merger, and ringdown. D 57, 4535(15)  
 — **and Scott A. Hughes** — Measuring gravitational waves from  
 binary black hole coalescences. II. The waves' information and  
 its extraction, with and without templates. D 57, 4566(15)  
**Flanagan, John W., John G. Learned, and Sandip Pakvasa**  
 — Up-down asymmetry: A diagnostic for neutrino oscillations.  
 D 57, R2649(1)  
**Flattum, E.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Flaughner, B.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Fleischer, Robert and Thomas Mannel** — Constraining the CKM  
 angle  $\gamma$  and penguin contributions through combined  $B \rightarrow \pi K$   
 branching ratios. D 57, 2752(1)  
**Fleming, Sean and Thomas Mehen** — Leptoproduction of  $J/\psi$ .  
 D 57, 1846(1)  
**Floresanini, R.** — (see Benatti, F.) D 57, R1332(1)  
**Fogli, G. L., E. Lisi, and A. Marrone** — Upward-going muons and  
 neutrino oscillations. D 57, 5893(1)  
**Foland, A. D.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Fontana, A.** — (see Bertin, A.) D 57, 55(1)  
**Foot, R., R. R. Volkas, and O. Yasuda** — Testing maximal electron  
 and muon neutrino oscillations with sub-GeV SuperKamiokande  
 atmospheric neutrino data. D 57, R1345(1)  
**Ford, L. H., Michael J. Pfenning, and Thomas A. Roman**  
 — Quantum inequalities and singular negative energy densities.  
 D 57, 4839(15)  
 — (see Pfenning, Michael J.) D 57, 3489(15)  
**Ford, W. T.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Forde, G. E.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Forgács, P.** — (see Balázs, L. K.) D 57, 3585(15)  
**Formaggio, Joseph A., Janet Conrad, Michael Shaevitz, Artur  
 Vaitaitis, and Robert Drucker** — Helicity effects in neutral  
 heavy lepton decays. D 57, 7037(BR)(1)  
**Fort, Hugo** — (see Aroca, J. M.) D 57, 3701(15)  
**Fortner, M.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Fosco, C. D.** — Fixed-charge ensembles and induced parity-breaking  
 terms. D 57, 6554(BR)(15)  
 — (see Aitchison, I. J. R.) D 57, 1171(15)  
**Foster, G. W.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Frame, K. C.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Frankfurt, Leonid, Werner Koepf, and Mark Strikman** — Diffractive  
 heavy quarkonium photoproduction and electroproduction in QCD.  
 D 57, 512(1)  
**Franklin, M.** — (see Abe, F.) D 57, 67(1)

- (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Franz, J.** — (see Evangelista, C.) D 57, 5370<sup>(1)</sup>  
**Franzini, P.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
**Franzki, Wolfgang, John B. Kogut, and Maria-Paola Lombardo** — Chiral transition and monopole percolation in lattice scalar QED with quenched fermions. D 57, 6625<sup>(1)</sup>  
**Frasconi, F.** — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
**Frautschi, M.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
**Freedman, D. Z.** — (see Anselmi, D.) D 57, 7570<sup>(15)</sup>  
**Freeman, J.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Freund, Peter G. O.** — (see Feigenbaum, James A.) D 57, 4738<sup>(15)</sup>  
**Friedland, Alexander** — (see de Gouvêa, André) D 57, 5676<sup>(1)</sup>  
**Friedman, J.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Friedman, John L.** — (see Louko, Jorma) D 57, 2279<sup>(15)</sup>  
**Friedrich, Helmut** — Evolution equations for gravitating ideal fluid bodies in general relativity. D 57, 2317<sup>(15)</sup>  
**Frieman, Joshua A. and Ioav Waga** — Constraints from high redshift supernovae upon scalar field cosmologies. D 57, 4642<sup>(15)</sup>  
**Frisch, H.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Fritzsch, Harald and Zhi-zhong Xing** — Parametrization of flavor mixing in the standard model. D 57, 594(BR)<sup>(1)</sup>  
**Frossati, G.** — (see Coccia, E.) D 57, 2051<sup>(15)</sup>  
**Fry, A.** — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
**Fucito, F.** — (see Bianchi, M.) D 57, 4525<sup>(15)</sup>  
**Fuess, S.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Fuess, T. A.** — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
**Fujino, D.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Fukawa, M.** — (see Miura, M.) D 57, 5345<sup>(1)</sup>  
**Fukugita, M., M. Tanimoto, and T. Yanagida** — Atmospheric neutrino oscillation and a phenomenological lepton mass matrix. D 57, 4429<sup>(1)</sup>  
 — (see Aoki, S.) D 57, 3910<sup>(1)</sup>  
**Fukui, Y.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Fukushima, Y.** — (see Miura, M.) D 57, 5345<sup>(1)</sup>  
**Fukuyama, T., K. Matsuda, and H. Nishiura** — *CP* violation in neutrinoless double beta decay and neutrino oscillation. D 57, 5844<sup>(1)</sup>  
**Fulcher, Lewis P.** — Flavor independence and the dual superconducting model of QCD. D 57, 350<sup>(1)</sup>  
**Funaki, S.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
**Funchal, R. Z.** — (see Eboli, O. J. P.) D 57, 1715<sup>(1)</sup>  
**Fusaoka, Hideo and Yoshio Koide** — Updated estimate of running quark masses. D 57, 3986<sup>(1)</sup>  
**Futamase, T., M. Hotta, and Y. Itoh** — Black holes and two-dimensional dilaton gravity. D 57, 1129<sup>(15)</sup>  
 — (see Itoh, Y.) D 57, R4516<sup>(15)</sup>  
**Gabriel, Cl., Ph. Spindel, S. Massar, and R. Parentani** — Interacting charged particles in an electric field and the Unruh effect. D 57, 6496<sup>(15)</sup>  
**Gadomski, S.** — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Gagliardi, G.** — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
**Gagnon, P.** — (see Aitala, E. M.) D 57, 13<sup>(1)</sup>  
**Gaidarev, P.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Gaisser, T. K. and Todor Stanev** — Path length distributions of atmospheric neutrinos. D 57, 1977<sup>(1)</sup>  
**Galeotti, S.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Galik, R. S.** — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
**Galkin, V. O.** — (see Ebert, D.) D 57, 5663<sup>(1)</sup>  
**Gallas, E.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Galli, D.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>  
**Gallinaro, M.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Galyaev, A. N.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Gambini, Rodolfo, Hugo A. Morales-Técotl, Luis F. Urrutia, and J. David Vergara** — Loop variables for compact two-dimensional quantum electrodynamics. D 57, 3711<sup>(15)</sup>  
 — (see Aroca, J. M.) D 57, 3701<sup>(15)</sup>  
**Gambino, P.** — (see Djouadi, A.) D 57, 4179<sup>(1)</sup>  
**Gan, K. K.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Ganel, O.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Gangui, Alejandro, Patrick Peter, and Céline Boehm** — Could electromagnetic corrections solve the vorton excess problem? D 57, 2580<sup>(15)</sup>  
**Gao, C. S.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>  
**Gao, M.** — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
**Gao, M. L.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>  
**Gao, S. Q.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>  
**Gao, Y. S.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Garay, Luis J.** — (see Barceló, Carlos) D 57, 5291(BR)<sup>(15)</sup>

- García, A. A.** — (see Bretón, N.) D 57, 3382<sup>(15)</sup>  
**García, Alberto, Claus Lämmerzahl, Alfredo Macías, Eckehard W. Mielke, and José Socorro** — Colliding waves in metric-affine gravity. D 57, 3457<sup>(15)</sup>  
**García-Bellido, Juan, Jaume Garriga, and Xavier Montes** — Quasiopen inflation. D 57, 4669<sup>(15)</sup>  
 — and **Andrei Linde** — Preheating in hybrid inflation. D 57, 6075<sup>(15)</sup>  
**García-Compeán, H., O. Obregón, J. F. Plebański, and C. Ramírez** — Towards a gravitational analogue to  $S$  duality in non-Abelian gauge theories. D 57, 7501<sup>(15)</sup>  
**García-Sciveres, M.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Gardner, S. and H. B. O’Connell** — Rho-omega mixing and the pion form factor in the timelike region. D 57, 2716<sup>(1)</sup>  
**Garfagnini, R.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>  
**Garfinkel, A. F.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Garfinkle, David** — (see Berger, Beverly K.) D 57, 4767<sup>(15)</sup>  
**Garriga, Jaume and Alexander Vilenkin** — Recycling universe. D 57, 2230<sup>(15)</sup>  
 — (see García-Bellido, Juan) D 57, 4669<sup>(15)</sup>  
**Gartung, P.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Gastaldi, U.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>  
**Gastmans, R. and Tai Tsun Wu** — Generalized gauge transformations: Pure Yang-Mills case. D 57, 1203<sup>(15)</sup>  
**Gatto, R.** — (see Modugno, M.) D 57, 4995<sup>(15)</sup>  
**Gavai, Rajiv V.** — (see Datta, Saumen) D 57, 6618<sup>(1)</sup>  
**Gay, C.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Geer, S.** — Neutrino beams from muon storage rings: Characteristics and physics potential. D 57, 6989<sup>(1)</sup>  
 — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Gegenberg, J.** — (see Zaidi, H.) D 57, 1112<sup>(15)</sup>  
**Geiger, Klaus** — QCD space-time analysis of quarkonium formation and evolution in hadronic collisions. D 57, 1895<sup>(1)</sup>  
**Geld, T. L.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Gellas, G. C., A. I. Karanikas, and C. N. Ktorides** — Worldline approach to eikonals for QED and linearized quantum gravity and their off mass shell extensions. D 57, 3763<sup>(15)</sup>  
**Geng, C. Q. and C. P. Kao** — Transverse lepton polarization in  $B \rightarrow K^{(*)} l^+ l^-$ . D 57, 4479<sup>(BR)(1)</sup>  
 — , **C. C. Lih, and Wei-Min Zhang** — Radiative leptonic  $B$  decays in the light front model. D 57, 5697<sup>(1)</sup>  
**Genik, R. J., II** — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Genik II, R. J.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
**Genser, K.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Gerber, C. E.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Gerdes, D. W.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Gergely, L., Z. Perjés, and M. Vasúth** — Spin effects in gravitational radiation back reaction. II. Finite mass effects. D 57, 3423<sup>(15)</sup>  
**Gergely, László Á., Zoltán I. Perjés, and Mátyás Vasúth** — Spin effects in gravitational radiation back reaction. I. The Lense-Thirring approximation. D 57, 876<sup>(15)</sup>  
**Gerlach, Ulrich H.** — Quantum-mechanical carrier of the imprints of gravitation. D 57, 4718<sup>(15)</sup>  
**Gerndt, E.** — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
**Geyer, R.** — (see Evangelista, C.) D 57, 5370<sup>(1)</sup>  
**Ghafarinejad, H. and H. Salehi** — Erratum: Hadamard renormalization, conformal anomaly, and cosmological event horizons [Phys. Rev. D 56, 4633 (1997)]. D 57, 5311<sup>(E)(15)</sup>  
**Gherghetta, Tony, Thomas A. Kaeding, and Gordon L. Kane** — Supersymmetric contributions to the decay of an extra  $Z$  boson. D 57, 3178<sup>(BR)(1)</sup>  
**Ghinculov, A., T. Binoth, and J. J. van der Bij** — Nonperturbative Higgs propagator: NLO correction in the  $1/N$  expansion. D 57, 1487<sup>(1)</sup>  
**Ghosal, Ambar, Anirban Kundu, and Biswarup Mukhopadhyaya** — Gauge-mediated supersymmetry breaking signals in an electron-photon collider. D 57, 1972<sup>(1)</sup>  
 — (see Mahanta, Uma) D 57, 1735<sup>(1)</sup>  
**Ghosh, A. and P. Mitra** — Erratum: Quantum correction to the thermodynamical entropy of a black hole [Phys. Rev. D 56, 3568 (1997)]. D 57, 1316<sup>(E)(15)</sup>  
**Ghosh, Subir** — Planar two-particle Coulomb interaction: Classical and quantum aspects. D 57, 6342<sup>(15)</sup>  
**Ghosh, Tanwi** — (see Chatterjee, S.) D 57, 6544<sup>(BR)(15)</sup>  
**Giacobbe, B.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>  
**Giannetti, P.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Gianotti, P.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>  
**Giarritta, P.** — (see Abele, A.) D 57, 3860<sup>(1)</sup>  
**Gibbard, B.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Gibbons, L.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Giele, W. T., E. W. N. Glover, and David A. Kosower** — Jet investigations using the radial moment. D 57, 1878<sup>(1)</sup>  
 — and **S. Keller** — Determination of  $W$ -boson properties at hadron colliders. D 57, 4433<sup>(1)</sup>  
**Gill, P. S. and Manmohan Gupta** — Implications of 4 texture zeros mass matrices for neutrino anomalies. D 57, 3971<sup>(1)</sup>  
**Gillies, G. T.** — (see Bordag, M.) D 57, 2024<sup>(E)(1)</sup>  
**Ginzburg, I. F. and A. Schiller** — Search for a heavy magnetic monopole at the Fermilab Tevatron and CERN LHC. D 57, R6599<sup>(1)</sup>  
**Giokaris, N.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Giovannini, M. and M. E. Shaposhnikov** — Primordial hypermagnetic fields and the triangle anomaly. D 57, 2186<sup>(15)</sup>  
**Giovannini, Massimo** — Regular cosmological examples of tree-level dilaton-driven models. D 57, 7223<sup>(15)</sup>  
**Giromini, P.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Gittelmann, B.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Giunti, C.** — (see Bilenky, S. M.) D 57, 1920<sup>(1)</sup>  
 — (see Bilenky, S. M.) D 57, 6981<sup>(1)</sup>  
**Giusti, G.** — (see Abe, F.) D 57, 67<sup>(1)</sup>

- (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Gladding, G. E.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Gladney, L.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
**Glass, E. N. and J. P. Krisch** — Radiation and string atmosphere for relativistic stars. D 57, R5945(15)  
**Glazek, Stanisław D. and Kenneth G. Wilson** — Asymptotic freedom and bound states in Hamiltonian dynamics. D 57, 3558(15)  
**Glebov, V.** — (see Abachi, S.) D 57, 589(BR)(1)  
**Gleiser, Reinaldo J., Carlos O. Nicasio, Richard H. Price, and Jorge Pullin** — Evolving the Bowen-York initial data for spinning black holes. D 57, 3401(15)  
**Glenn, S.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
 — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Glenzinski, D.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
**Glover, E. W. N.** — (see Giele, W. T.) D 57, 1878(1)  
**Glozman, L. Ya.** — (see Stancu, Fl.) D 57, 4393(1)  
**Gobbi, B.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Gobel, C.** — (see Aitala, E. M.) D 57, 13(1)  
**Göckeler, M., R. Horsley, H. Perlt, P. Rakow, G. Schierholz, A. Schiller, and P. Stephenson** — Scaling of nonperturbatively  $O(a)$ -improved Wilson fermions: Hadron spectrum, quark masses, and decay constants. D 57, 5562(1)  
**Godang, R.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Godina, J. J., Y. Meurice, and M. B. Oktay** — Accurate checks of universality for Dyson's hierarchical model. D 57, R6581(1)  
 — , Y. Meurice, M. B. Oktay, and S. Niermann — Guide to precision calculations in Dyson's hierarchical scalar field theory. D 57, 6326(15)  
**Goeke, K.** — (see Petrov, V. Yu.) D 57, 4325(1)  
**Goeke, Klaus** — (see Kim, Hyun-Chul) D 57, 299(1)  
 — (see Kim, Hyun-Chul) D 57, 2859(1)  
**Goforth, M.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Gogilidze, S. A., A. M. Khvedelidze, D. M. Mladenov, and H.-P. Pavel** — Hamiltonian reduction of  $SU(2)$  Dirac-Yang-Mills mechanics. D 57, 7488(15)  
**Goity, J. L.** — (see Zhang, Longzhe) D 57, 7031(BR)(1)  
**Gold, M.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Goldberg, M.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Goldman, T.** — (see Burakovsky, L.) D 57, 2879(1)  
**Goldschmidt, A.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Gollin, G. D.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Gollwitzer, K.** — (see Blanford, G.) D 57, 6649(1)  
**Golterman, Maarten F. L. and Ka Chun Leung** — Applications of partially quenched chiral perturbation theory. D 57, 5703(1)  
**Gomero, G. I.** — (see Bernui, A.) D 57, 4699(15)  
**Gomes, M. and A. J. da Silva** — Nonrelativistic limit of the scattering of spin- $\frac{1}{2}$  particles interacting with a Chern-Simons field. D 57, 3579(15)  
**Gómez, B.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Gómez, G.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Gómez, R., L. Lehner, R. L. Marsa, and J. Winicour** — Moving black holes in 3D. D 57, 4778(15)  
**Gómez Nicola, Angel** — (see Alvarez-Estrada, Ramón F.) D 57, 3618(15)  
**Goncharov, P. I.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Gondolo, Paolo** — (see Baltz, Edward A.) D 57, 2969(1)  
 — (see Baltz, Edward A.) D 57, 7601(15)  
**Gonzalez, J.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
**Gonzalez-Garcia, M. C., S. M. Lietti, and S. F. Novaes** — Search for a nonstandard Higgs boson in diphoton events at  $p\bar{p}$  collisions. D 57, 7045(BR)(1)  
**González Solís, J. L.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Gopakumar, A., Bala R. Iyer, and Sai Iyer** — Erratum: Second post-Newtonian gravitational radiation reaction for two-body systems: Nonspinning bodies [Phys. Rev. D 55, 6030 (1997)]. D 57, 6562(E)(15)  
**Gordon, A.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Gordon, H.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Gordon, L. E.** — Prompt photon plus jet photoproduction at DESY HERA at next-to-leading order in QCD. D 57, 235(1)  
**Gortchakov, O. E.** — (see Bertin, A.) D 57, 55(1)  
**Goshaw, A. T.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Goss, L. T.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Gotra, Y.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Goulianos, K.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Gounaris, G. J., D. T. Papadamou, and F. M. Renard** — New physics signatures in dijets at hadron colliders. D 57, 6752(1)  
**Gounder, K.** — (see Abbott, B.) D 57, R3817(1)  
 — (see Aitala, E. M.) D 57, 13(1)  
**Gousset, T.** — (see Dosch, H. G.) D 57, 1666(1)  
**Goussiou, A.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Graf, N.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)

- Grangé, Pierre, Peter Ullrich, and Ernst Werner** — Continuum version of  $\phi_{1+1}^4$  theory in light-front quantization. D 57, 4981(15)
- Grannis, P. D.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Grassmann, H.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Grasso, A.** — (see Bertin, A.) D 57, 55(1)
- Gratton, P.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Gray, S. W.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Grazzini, Massimiliano** — Cut vertices and semi-inclusive deep inelastic processes. D 57, 4352(1)
- Green, D. R.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Green, J.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Greene, R.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Greenlee, H.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Greensite, J.** — (see Faber, M.) D 57, 2603(15)
- Greitzer, Eliyahu** — Change of variables to the dual and factorization of composite anomalous Jacobians. D 57, 6350(15)
- Gremm, Martin** — Coulomb branch of  $N=1$  supersymmetric  $SU(N_c) \times SU(N_c)$  gauge theories. D 57, 2537(15)
- Greub, C.** — (see Ali, A.) D 57, 2996(1)
- Grewal, A.** — (see Abe, F.) D 57, 1359(1)
- Griffin, G.** — (see Abachi, S.) D 57, 589(BR)(1)
- Grifols, J. A., E. Massó, and R. Toldrà** — Gravitinos from gravitational collapse. D 57, 614(BR)(1)  
 — , E. Massó, and R. Toldrà — Contact interactions involving right-handed neutrinos and SN 1987A. D 57, 2005(BR)(1)
- Grignani, G.** — (see Berruto, F.) D 57, 5070(15)
- Griguolo, L.** — (see Deser, S.) D 57, 7444(15)
- Grim, G.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Grimus, W. and P. Stockinger** — Effects of neutrino oscillations and neutrino magnetic moments on elastic neutrino-electron scattering. D 57, 1762(1)  
 — (see Bilenky, S. M.) D 57, 1920(1)
- Grinstein, Benjamín and Richard F. Lebed** — Explicit quark-hadron duality in heavy-light meson weak decays in the 't Hooft model. D 57, 1366(1)  
 — and Detlef R. Nolte — Systematic study of theories with quantum modified moduli. I. D 57, 6471(15)
- Grinstein, Benjamin and Ira Z. Rothstein** — Effective field theory and matching in nonrelativistic gauge theories. D 57, 78(1)
- Grinstein, S.** — (see Abbott, B.) D 57, R3817(1)
- Gritsan, A.** — (see Bishai, M.) D 57, 3847(1)
- Groer, L.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Gronau, Michael and Jonathan L. Rosner** — Weak phase  $\gamma$  from the ratio of  $B \rightarrow K\pi$  rates. D 57, 6843(1)
- (see Dighe, Amol S.) D 57, 1783(1)
- Gronberg, J. et al.** (CLEO Collaboration) — Measurements of the meson-photon transition form factors of light pseudoscalar mesons at large momentum transfer. D 57, 33(1)  
 — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Gronwald, Frank** — BRST antifield treatment of metric-affine gravity. D 57, 961(15)
- Gross, David J., Akikazu Hashimoto, and Igor R. Klebanov** — Spectrum of a large  $N$  gauge theory near the transition from confinement to screening. D 57, 6420(15)
- Grossman, N.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Grosso-Pilcher, C.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Grudberg, P.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Grünendahl, S.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Gu, J. H.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Gu, S. D.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Gu, W. X.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Gu, Y. F.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Guaraldo, C.** — (see Bertin, A.) D 57, 55(1)
- Gubin, V. V.** — (see Achasov, N. N.) D 57, 1987(BR)(1)
- Guchait, Monoranjan and D. P. Roy** — Implications of the DESY HERA events for the  $R$ -parity-breaking SUSY signals at Fermilab Tevatron. D 57, 4453(1)
- Guendelman, E. I. and A. B. Kaganovich** — From inflation to a zero cosmological constant phase without fine-tuning. D 57, 7200(15)
- Guerrero, Francisco** — Study of the resummation of chiral logarithms in the exponentiated expression for the pion form factor. D 57, 4136(1)
- Guglielmo, G.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Guhr, T.** — (see Wilke, T.) D 57, 6486(15)
- Guida, J. A.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Guida, J. M.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Guillian, G.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Guimarães, A. C. C., G. E. A. Matsas, and D. A. T. Vanzella** — Background thermal depolarization of electrons in storage rings. D 57, 4461(1)
- Guimaraes da Costa, J.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Gundlach, Carsten** — Pseudospectral apparent horizon finders: An efficient new algorithm. D 57, 863(15)  
 — Nonspherical perturbations of critical collapse and cosmic censorship. D 57, R7075(15)  
 — Angular momentum at the black hole threshold. D 57, R7080(15)
- Guo, R. S.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)

- Guo, Xin-Heng** — (see Dong, Hui-Shi) D 57, 6807(1)
- Guo, Y. N.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Gupta, A.** — (see Abbott, B.) D 57, R3817(1)
- Gupta, Abhinav and T. Padmanabhan** — Radiation from a charged particle and radiation reaction reexamined. D 57, 7241(15)
- Gupta, Manmohan** — (see Gill, P. S.) D 57, 3971(1)
- Gupta, Rajan** — (see Bhattacharya, Tanmoy) D 57, 5455(1)  
 — (see Kilcup, Greg) D 57, 1654(1)
- Gupta, Sourendu** — Single polarization asymmetries for quarkonia in nonrelativistic QCD. D 57, 1858(1)
- Guryn, W.** — (see Abachi, S.) D 57, 589(BR)(1)
- Gurzhiev, S. N.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Güsken, S.** — (see Eicker, N.) D 57, 4080(1)
- Gustafson, G.** — (see Andersson, B.) D 57, 5543(1)
- Gusynin, V. P., D. K. Hong, and I. A. Shovkovy** — Chiral symmetry breaking by a non-Abelian external field in 2+1 dimensions. D 57, 5230(15)
- **and M. Reenders** — Analytic structure of scalar composites in the symmetric phase of the gauged Nambu–Jona-Lasinio model. D 57, 6356(15)
- Gutiérrez, A. and A. Rosado** — Heavy boson production via  $ep$  collisions at CERN LEP and LHC energies. D 57, 4318(1)
- Gutierrez, P.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Gutnikov, Y. E.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Guven, Jemal** — (see Capovilla, Riccardo) D 57, 5158(15)
- Haas, Richard M.** — Expanding bubbles in a thermal background. D 57, 7422(15)
- Haba, J.** — (see Miura, M.) D 57, 5345(1)
- Haber, C.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Hadad, Merav** — (see Brustein, Ram) D 57, 725(15)
- Haddock, R. P.** — (see Abele, A.) D 57, 3860(1)
- Hadley, N. J.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Hafen, E.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Haggerty, H.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Hagiwara, K.** — (see Barger, V.) D 57, 391(1)
- Hagopian, S.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Hagopian, V.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Hahn, K. S.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Hahn, S. R.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Hájíček, P.** — Spherically symmetric gravitating shell as a reparametrization-invariant system. D 57, 936(15)
- **and J. Kijowski** — Lagrangian and Hamiltonian formalism for discontinuous fluid and gravitational field. D 57, 914(15)
- Hall, R. E.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Halling, A. M.** — (see Aitala, E. M.) D 57, 13(1)
- Halliwell, J. J.** — Effective theories of coupled classical and quantum variables from decoherent histories: A new approach to the back reaction problem. D 57, 2337(15)
- **and E. Zafiris** — Decoherent histories approach to the arrival time problem. D 57, 3351(15)
- Hall Reno, Mary** — (see Baer, Howard) D 57, 5871(1)
- Halperin, Igor** — Conformal symmetry on the light cone and nonleading twist distribution amplitudes of a massive vector meson. D 57, 1680(1)
- Halpern, Kenneth** — Cross section and effective potential in asymptotically free scalar field theories. D 57, 6337(15)
- Halzen, F.** — (see Eboli, O.) D 57, 1730(1)
- Hamann, N. H.** — (see Evangelista, C.) D 57, 5370(1)
- Hamasaki, H.** — (see Miura, M.) D 57, 5345(1)
- Hamazaki, Takashi** — (see Kodama, Hideo) D 57, 7177(15)
- Hamer, C. J., J. Oitmaa, and Zheng Weihong** — Series expansions for three-dimensional QED. D 57, 2523(15)
- Hamilton, R.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Hamity, Victor H.** — (see Barraco, Daniel E.) D 57, 954(15)
- Han, S. W.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Han, T.** — (see Baur, U.) D 57, 2823(1)
- Han, Y.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Hancock, N.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Handa, T.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Handler, R.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Handoko, L. T.** — Determination of the CKM unitarity triangle by  $B \rightarrow X_d l^+ l^-$  decay. D 57, 1776(1)
- Hanlet, P.** — (see Abbott, B.) D 57, R3817(1)
- Hannestad, Steen** —  $\tau$  neutrino decays and big bang nucleosynthesis. D 57, 2213(15)
- Hans, R. M.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Hansen, S.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Hao, W.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Happacher, F.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Hara, K.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Harada, Koji, Thomas Heinzl, and Christian Stern** — Variational mass perturbation theory for light-front bound-state equations. D 57, 2460(15)
- (see Burkardt, Matthias) D 57, R5950(15)
- Harada, Tomohiro** — Neutron stars in scalar-tensor theories of gravity and catastrophe theory. D 57, 4802(15)  
 — (see Iguchi, Hideo) D 57, 7262(15)
- Hardman, A. D.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)

- (see Abe, F.) D 57, 5382(1)
- Harikumar, E. and M. Sivakumar** — Duality and massive gauge-invariant theories. D 57, 3794(BR)(15)
- Harms, B.** — (see Casadio, R.) D 57, 1309(BR)(15)
- Harms, Benjamin** — (see Casadio, Roberto) D 57, 7507(15)
- Harral, B.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- Harris, B. W. and J. F. Owens** — Jet photoproduction and the structure of the photon. D 57, 5555(1)
- **and J. Smith** — Charm quark and  $D^{*\pm}$  cross sections in deeply inelastic scattering at DESY HERA. D 57, 2806(1)
- (see Baer, Howard) D 57, 5871(1)
- Harris, F. A.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Bai, J. Z.) D 57, 3854(1)
- Harris, P. G.** — (see Evangelista, C.) D 57, 5370(1)
- Harris, R. M.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Hart, T.** — (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)
- (see Bonvicini, G.) D 57, 6604(1)
- (see Gronberg, J.) D 57, 33(1)
- (see Nemati, B.) D 57, 5363(1)
- Hartill, D. L.** — (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)
- (see Bonvicini, G.) D 57, 6604(1)
- (see Gronberg, J.) D 57, 33(1)
- (see Nemati, B.) D 57, 5363(1)
- Hartmann, F.** — (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Harvey, Jeffrey A. and Gregory Moore** — Five-brane instantons and  $R^2$  couplings in  $N=4$  string theory. D 57, 2323(15)
- **and Gregory Moore** — Exact gravitational threshold correction in the Ferrara-Harvey-Strominger-Vafa model. D 57, 2329(15)
- Hashimoto, Akikazu** — Shape of branes pulled by strings. D 57, 6441(15)
- (see Gross, David J.) D 57, 6420(15)
- Hashimoto, S.** — (see Aoki, S.) D 57, 3910(1)
- Hatanaka, M.** — (see Bai, J. Z.) D 57, 3187(E)(1)
- Hatsuda, T.** — (see Chiku, S.) D 57, R6(1)
- Hauger, S. A.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- Hauptman, J. M.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Hauser, J.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Häussling, Rainer and Florian Scheck** — Triangular mass matrices of quarks and Cabibbo-Kobayashi-Maskawa mixing. D 57, 6656(1)
- Hawk, C.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- Hawking, S. W.** — (see Cassidy, M. J.) D 57, 2372(15)
- Hawking, Stephen W.** — (see Bousso, Raphael) D 57, 2436(15)
- Hayakawa, M. and T. Kinoshita** — Pseudoscalar pole terms in the hadronic light-by-light scattering contribution to muon  $g-2$ . D 57, 465(1)
- Hayashi, E.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Hayashi, Y.** — (see Adarkar, H. R.) D 57, 2653(1)
- He, D.** — (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)
- (see Bonvicini, G.) D 57, 6604(1)
- (see Gronberg, J.) D 57, 33(1)
- (see Nemati, B.) D 57, 5363(1)
- He, H.-J.** — (see Boos, E.) D 57, 1553(1)
- He, J.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Bai, J. Z.) D 57, 3854(1)
- He, J. T.** — (see Bai, J. Z.) D 57, 3854(1)
- He, M.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Bai, J. Z.) D 57, 3854(1)
- He, X.-G.** — (see Browder, T. E.) D 57, 6829(1)
- He, Y. D.** — Can track-etch detector CR-39 record low-velocity GUT magnetic monopoles? D 57, 3182(BR)(1)
- Hedin, D.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Heinemeyer, S.** — (see Djouadi, A.) D 57, 4179(1)
- Heinrich, J.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Heinsius, F. H.** — (see Abele, A.) D 57, 3860(1)
- Heinson, A. P.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Heintz, U.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Heinz, Ulrich** — (see Zhuang, Pengfei) D 57, 6525(15)
- Heinzelmann, M.** — (see Abele, A.) D 57, 3860(1)
- Heinzl, Thomas** — (see Harada, Koji) D 57, 2460(15)
- Heitmann, Katrin** — (see Baacke, Jürgen) D 57, 6398(15)
- (see Baacke, Jürgen) D 57, 6406(15)
- Heller, U. M., F. Karsch, and J. Rank** — Gluon propagator at high temperature: Screening, improvement and nonzero momenta. D 57, 1438(1)
- Heltsley, B. K.** — (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)
- (see Bonvicini, G.) D 57, 6604(1)
- (see Gronberg, J.) D 57, 33(1)
- (see Nemati, B.) D 57, 5363(1)
- Hemmert, Thomas R., Barry R. Holstein, Joachim Kambor, and Germar Knöchlein** — Compton scattering and the spin structure of the nucleon at low energies. D 57, 5746(1)
- Hemmi, Y.** — (see Miura, M.) D 57, 5345(1)
- Henningson, Måns and Piljin Yi** — Four-dimensional BPS spectra via  $M$  theory. D 57, 1291(15)
- Heppelmann, S.** — (see Badalian, R. G.) D 57, 4367(1)
- Herbststrith, A.** — (see Abele, A.) D 57, 3860(1)
- Hernández-Montoya, R.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Herrera, G.** — (see Aitala, E. M.) D 57, 13(1)
- Hertzog, D. W.** — (see Evangelista, C.) D 57, 5370(1)
- Herz, M.** — (see Abele, A.) D 57, 3860(1)
- Hessey, N. P.** — (see Abele, A.) D 57, 3860(1)
- Heuring, T.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Hidas, P.** — (see Abele, A.) D 57, 3860(1)
- Higuchi, M.** — (see Miura, M.) D 57, 5345(1)
- Hill, T. S.** — (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)
- (see Bonvicini, G.) D 57, 6604(1)
- (see Gronberg, J.) D 57, 33(1)
- (see Nemati, B.) D 57, 5363(1)
- Hinrichsen, B.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Hinshaw, Gary** — (see Berrera, Arjun) D 57, 2207(15)

- Hinson, J. W.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Hirose, T.** — (see Miura, M.) D 57, 5345<sup>(1)</sup>
- Hirosky, R.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Hirota, Kenji** — Analytic formula of the transition probability for a neutrino propagating through fluctuating matter. D 57, 3140<sup>(1)</sup>
- Hirsch, M., H. V. Klapdor-Kleingrothaus, St. Kolb, and S. G. Kovalenko** — Phenomenological implications of “Majorana” sneutrinos at future accelerators. D 57, 2020<sup>(BR)(1)</sup>
- , **H. V. Klapdor-Kleingrothaus, and S. G. Kovalenko** —  $R$ -parity-conserving supersymmetry, neutrino mass, and neutrinoless double beta decay. D 57, 1947<sup>(1)</sup>
- Hitlin, D. G.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187<sup>(E)(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>
- Ho, Pei-Ming and Yong-Shi Wu** — Type-IIB-string- $M$ -theory duality and longitudinal membranes in  $M$ (atrix) theory. D 57, 2571<sup>(15)</sup>
- Hoang, A. H.** — Vacuum polarization function to  $O(\alpha^2)$  accuracy near threshold and Darwin corrections. D 57, 1615<sup>(1)</sup>
- Hobbs, J. D.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Hockney, G.** — (see Bardeen, W.) D 57, 1633<sup>(1)</sup>
- Hoeber, H.** — (see Eicker, N.) D 57, 4080<sup>(1)</sup>
- Hoeneisen, B.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Hoffman, K. D.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Hoftun, J. S.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Hohlmann, M.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Holck, C.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Holdom, B.** —  $CP$  violation from the neutrino sector: A case for the superweak model. D 57, 357<sup>(1)</sup>  
 — (see Stef Roux, F.) D 57, 3167<sup>(BR)(1)</sup>
- Hollebeek, R.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Hollik, W.** — (see Arhrib, A.) D 57, 5860<sup>(1)</sup>  
 — (see Djouadi, A.) D 57, 4179<sup>(1)</sup>
- Holloway, L.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Holman, R.** — (see Boyanovsky, D.) D 57, 2166<sup>(15)</sup>  
 — (see Boyanovsky, D.) D 57, 7388<sup>(15)</sup>
- Holman, Richard** — (see Boyanovsky, Daniel) D 57, 3653<sup>(15)</sup>
- Hölscher, A.** — (see Abe, F.) D 57, 1359<sup>(1)</sup>
- Holstein, Barry R.** — (see Hemmert, Thomas R.) D 57, 5746<sup>(1)</sup>  
 — (see Venugopal, E. P.) D 57, 4397<sup>(1)</sup>
- Holtzhausen, C.** — (see Abele, A.) D 57, 3860<sup>(1)</sup>
- Holzwarth, G.** — Chiral phase transition and baryon number conservation. D 57, 3749<sup>(15)</sup>
- Homma, Y.** — (see Miura, M.) D 57, 5345<sup>(1)</sup>
- Hong, D. K.** — (see Gusynin, V. P.) D 57, 5230<sup>(15)</sup>
- Hong, Deog Ki** — Zero temperature chiral phase transition in  $(2+1)$ -dimensional QED with a Chern-Simons term. D 57, 1313<sup>(BR)(15)</sup>  
 — Magnetic catalysis in quantum electrodynamics. D 57, 3759<sup>(15)</sup>
- Hong, S.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>
- Hong, Zhou** — (see Yi, Jiang) D 57, 4343<sup>(1)</sup>
- Hong-Mo, Chan and Tsou Sheung Tsun** — Physical consequences of non-Abelian duality in the standard model. D 57, 2507<sup>(15)</sup>
- Honscheid, K.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Hopman, P. I.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Horgan, R. R.** — (see Manke, T.) D 57, R3829<sup>(1)</sup>
- Horowitz, Gary T. and Emil J. Martinec** — Comments on black holes in matrix theory. D 57, 4935<sup>(15)</sup>  
 — and **Joseph Polchinski** — Self-gravitating fundamental strings. D 57, 2557<sup>(15)</sup>  
 — and **Simon F. Ross** — Properties of naked black holes. D 57, 1098<sup>(15)</sup>
- Horsley, R.** — (see Göckeler, M.) D 57, 5562<sup>(1)</sup>
- Horvat, R.** — Recent results of the neutrino mass squared measurements and the coherent neutrino-cold-dark-matter interaction. D 57, 5236<sup>(15)</sup>
- Horvath, J. E.** — (see Vucetich, H.) D 57, 5959<sup>(15)</sup>
- Hosaka, A.** — (see Nemoto, Y.) D 57, 4124<sup>(1)</sup>
- Hosoya, Akio** — (see Iguchi, Osamu) D 57, 3340<sup>(15)</sup>
- Hotta, M.** — (see Futamase, T.) D 57, 1129<sup>(15)</sup>  
 — (see Itoh, Y.) D 57, R4516<sup>(15)</sup>
- Houk, G.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>
- Hoyer, Paul and Stéphane Peigné** — Rescattering effects in quarkonium production. D 57, 1864<sup>(1)</sup>
- Hsieh, F.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Hu, B. L. and K. Shiokawa** — Wave propagation in stochastic spacetimes: Localization, amplification, and particle creation. D 57, 3474<sup>(15)</sup>  
 — (see Koks, Don) D 57, 1317<sup>(E)(15)</sup>  
 — (see Ramsey, S. A.) D 57, 3798<sup>(E)(15)</sup>  
 — (see Ramsey, S. A.) D 57, 6003<sup>(15)</sup>
- Hu, G. Y.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187<sup>(E)(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>
- Hu, H. M.** — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>
- Hu, J. L.** — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>
- Hu, P.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>
- Hu, Q. H.** — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>
- Hu, T.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187<sup>(E)(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>
- Hu, Ting** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Hu, Tong** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Hu, Wayne, Uroš Seljak, Martin White, and Matias Zaldarriaga** — Complete treatment of CMB anisotropies in a FRW universe. D 57, 3290<sup>(15)</sup>
- Hu, X. Q.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187<sup>(E)(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>
- Huang, Baofa** — (see Lu, Jizong) D 57, 5280<sup>(BR)(15)</sup>
- Huang, D. Q.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>

- (see Bai, J. Z.) D 57, 3187(E)<sub>(1)</sub>  
**Huang, J. D.** — (see Bai, J. Z.) D 57, 3854<sub>(1)</sub>  
**Huang, Jinshu** — (see Lu, Gongru) D 57, 1755<sub>(1)</sub>  
**Huang, Tao and Zuo-Hong Li** —  $B \rightarrow K^* \gamma$  in the light-cone QCD sum rule. D 57, 1993(BR)<sub>(1)</sub>  
 — (see Cao, Jun) D 57, 4154<sub>(1)</sub>  
**Huang, Y. Z.** — (see Bai, J. Z.) D 57, 28<sub>(1)</sub>  
 — (see Bai, J. Z.) D 57, 3187(E)<sub>(1)</sub>  
 — (see Bai, J. Z.) D 57, 3854<sub>(1)</sub>  
**Huang, Z.** — (see Abe, F.) D 57, R3811<sub>(1)</sub>  
 — (see Abe, F.) D 57, 5382<sub>(1)</sub>  
**Huehn, T.** — (see Abachi, S.) D 57, 589(BR)<sub>(1)</sub>  
 — (see Abbott, B.) D 57, R3817<sub>(1)</sub>  
**Huey, Greg** — (see Zlatev, Ivaylo) D 57, 2152<sub>(15)</sub>  
**Huffman, B. T.** — (see Abe, F.) D 57, 67<sub>(1)</sub>  
 — (see Abe, F.) D 57, 1359<sub>(1)</sub>  
 — (see Abe, F.) D 57, R3811<sub>(1)</sub>  
 — (see Abe, F.) D 57, 5382<sub>(1)</sub>  
**Hughes, R.** — (see Abe, F.) D 57, 67<sub>(1)</sub>  
 — (see Abe, F.) D 57, 1359<sub>(1)</sub>  
 — (see Abe, F.) D 57, R3811<sub>(1)</sub>  
 — (see Abe, F.) D 57, 5382<sub>(1)</sub>  
**Hughes, S. A.** — (see Evangelista, C.) D 57, 5370<sub>(1)</sub>  
**Hughes, Scott A.** — (see Flanagan, Eanna E.) D 57, 4535<sub>(15)</sub>  
 — (see Flanagan, Eanna E.) D 57, 4566<sub>(15)</sub>  
**Hung, P. Q.** — (see Fishbane, Paul M.) D 57, 2743<sub>(1)</sub>  
**Hurst, P.** — (see Abe, F.) D 57, 1359<sub>(1)</sub>  
**Hurvits, G.** — (see Aitala, E. M.) D 57, 13<sub>(1)</sub>  
**Huston, J.** — (see Abe, F.) D 57, 67<sub>(1)</sub>  
 — (see Abe, F.) D 57, 1359<sub>(1)</sub>  
 — (see Abe, F.) D 57, R3811<sub>(1)</sub>  
 — (see Abe, F.) D 57, 5382<sub>(1)</sub>  
**Huth, J.** — (see Abe, F.) D 57, 67<sub>(1)</sub>  
 — (see Abe, F.) D 57, 1359<sub>(1)</sub>  
 — (see Abe, F.) D 57, R3811<sub>(1)</sub>  
 — (see Abe, F.) D 57, 5382<sub>(1)</sub>  
**Hwa, Rudolph C.** — Universal behavior of multiplicity differences in the quark-hadron phase transition. D 57, 1831<sub>(1)</sub>  
**Hwang, Chien-Wen** — (see Cheng, Hai-Yang) D 57, 5598<sub>(1)</sub>  
**Hwang, Jai-chan and Hyerim Noh** — Cosmological vorticity in a gravity with quadratic order curvature couplings. D 57, 2617(BR)<sub>(15)</sub>  
**Hwang, W-Y. P.** — (see Zhu, Shi-lin) D 57, 1524<sub>(1)</sub>  
 — (see Zhu, Shi-lin) D 57, 1527<sub>(1)</sub>  
**Hylen, J.** — (see Abe, F.) D 57, 67<sub>(1)</sub>  
 — (see Abe, F.) D 57, 1359<sub>(1)</sub>  
**Hyun, Seungjoon, Youngjai Kiem, and Hyeonjoon Shin** — Infinite Lorentz boost along the  $M$ -theory circle and nonasymptotically flat solutions in supergravities. D 57, 4856<sub>(15)</sub>  
 —, **Junsoo Shin, Jae Hyung Yee, and Hyuk-jae Lee** — Erratum: Vortex solutions of a Maxwell-Chern-Simons field coupled to four-fermion theory [Phys. Rev. D 55, 3900 (1997)]. D 57, 6561(E)<sub>(15)</sub>
- Iazzi, F.** — (see Bertin, A.) D 57, 55<sub>(1)</sub>  
**Ibrahim, Tarek and Pran Nath** — Neutron and electron electric dipole moment in  $N=1$  supergravity unification. D 57, 478<sub>(1)</sub>  
**Ichinose, Shoichi** — Weyl anomaly of 2D dilaton-scalar gravity and the Hermiticity of the system operator. D 57, 6224<sub>(15)</sub>  
**Iguchi, Hideo, Ken-ichi Nakao, and Tomohiro Harada** — Gravitational waves around a naked singularity: Odd-parity perturbation of Lemaitre-Tolman-Bondi space-time. D 57, 7262<sub>(15)</sub>  
**Iguchi, Osamu, Akio Hosoya, and Tatsuhiko Koike** — Renormalization group approach to the Einstein equation in cosmology. D 57, 3340<sub>(15)</sub>  
**Ikeda, H.** — (see Abe, F.) D 57, 67<sub>(1)</sub>  
 — (see Abe, F.) D 57, R3811<sub>(1)</sub>  
 — (see Abe, F.) D 57, 5382<sub>(1)</sub>  
**Ilakovac, A.** — (see Fajfer, S.) D 57, 4219<sub>(1)</sub>
- Incagli, M.** — (see Abe, F.) D 57, 67<sub>(1)</sub>  
 — (see Abe, F.) D 57, 1359<sub>(1)</sub>  
 — (see Abe, F.) D 57, R3811<sub>(1)</sub>  
 — (see Abe, F.) D 57, 5382<sub>(1)</sub>  
**Incandela, J.** — (see Abe, F.) D 57, 67<sub>(1)</sub>  
 — (see Abe, F.) D 57, 1359<sub>(1)</sub>  
 — (see Abe, F.) D 57, R3811<sub>(1)</sub>  
 — (see Abe, F.) D 57, 5382<sub>(1)</sub>  
**Introzzi, G.** — (see Abe, F.) D 57, 67<sub>(1)</sub>  
 — (see Abe, F.) D 57, R3811<sub>(1)</sub>  
 — (see Abe, F.) D 57, 5382<sub>(1)</sub>  
**Ioffe, B. L. and A. G. Oganessian** — Proton spin content and QCD topological susceptibility. D 57, R6590<sub>(1)</sub>  
**Iordanidis, K. and D. Zeppenfeld** — Searching for a heavy Higgs boson via the  $H \rightarrow lvjj$  decay mode at the CERN LHC. D 57, 3072<sub>(1)</sub>  
**Isacson, Richard** — (see Bishop, Nigel T.) D 57, 6113<sub>(15)</sub>  
**Isgur, Nathan** — Spin-orbit inversion of excited heavy quark mesons. D 57, 4041<sub>(1)</sub>  
**Ishibashi, Akihiro** — (see Maeda, Kengo) D 57, 3503<sub>(15)</sub>  
**Ishihara, N.** — (see Miura, M.) D 57, 5345<sub>(1)</sub>  
**Ishizuka, N.** — (see Aoki, S.) D 57, 3910<sub>(1)</sub>  
**Iso, H.** — (see Abe, F.) D 57, 1359<sub>(1)</sub>  
**Israel, W.** — (see Pretorius, F.) D 57, 6311<sub>(15)</sub>  
**Ito, A. S.** — (see Abachi, S.) D 57, 589(BR)<sub>(1)</sub>  
 — (see Abbott, B.) D 57, R3817<sub>(1)</sub>  
**Ito, N.** — (see Adarkar, H. R.) D 57, 2653<sub>(1)</sub>  
**Itoh, Y., M. Hotta, M. Morikawa, and T. Futamase** — Dynamical instability of a two-dimensional quantum black hole. D 57, R4516<sub>(15)</sub>  
 — (see Futamase, T.) D 57, 1129<sub>(15)</sub>  
**Ivanov, B. V.** — Colliding axisymmetric  $pp$  waves. D 57, 3378<sub>(15)</sub>  
**Ivanov, Dmitri and Kirill Melnikov** — Lepton pair production by a high energy photon in a strong electromagnetic field. D 57, 4025<sub>(1)</sub>  
**Ivanov, M. A., J. G. Körner, V. E. Lyubovitskij, and A. G. Rusetsky** — Exclusive nonleptonic decays of bottom and charm baryons in a relativistic three-quark model: Evaluation of nonfactorizing diagrams. D 57, 5632<sub>(1)</sub>  
**Ivanov, P.** — Nonlinear metric perturbations and production of primordial black holes. D 57, 7145<sub>(15)</sub>  
**Iwai, J.** — (see Abe, F.) D 57, 67<sub>(1)</sub>  
 — (see Abe, F.) D 57, R3811<sub>(1)</sub>  
 — (see Abe, F.) D 57, 5382<sub>(1)</sub>  
**Iwasaki, Y.** — (see Aoki, S.) D 57, 3910<sub>(1)</sub>  
**Iwata, Y.** — (see Abe, F.) D 57, 67<sub>(1)</sub>  
 — (see Abe, F.) D 57, R3811<sub>(1)</sub>  
 — (see Abe, F.) D 57, 5382<sub>(1)</sub>  
 — (see Miura, M.) D 57, 5345<sub>(1)</sub>  
**Iyer, Bala R.** — (see Damour, Thibault) D 57, 885<sub>(15)</sub>  
 — (see Gopakumar, A.) D 57, 6562(E)<sub>(15)</sub>  
**Iyer, Sai** — (see Gopakumar, A.) D 57, 6562(E)<sub>(15)</sub>  
**Izen, J. M.** — (see Bai, J. Z.) D 57, 28<sub>(1)</sub>  
 — (see Bai, J. Z.) D 57, 3187(E)<sub>(1)</sub>  
 — (see Bai, J. Z.) D 57, 3854<sub>(1)</sub>
- Jack, I.** — (see Ellis, J.) D 57, 2665<sub>(1)</sub>  
**Jackiw, R.** —  $g=2$  as a gauge condition. D 57, 2635(BR)<sub>(15)</sub>  
**Jacobson, Ted** — Semiclassical decay of near-extremal black holes. D 57, 4890<sub>(15)</sub>  
 — (see Corley, Steven) D 57, 6269<sub>(15)</sub>  
**Jacquot, J. L.** — Continuous nonperturbative regularization of QED. D 57, 6511<sub>(15)</sub>  
**Jaffe, A. H.** — (see Bond, J. R.) D 57, 2117<sub>(15)</sub>  
**Jaffe, R. L., Xuemin Jin, and Jian Tang** — Interference fragmentation functions and valence quark spin distributions in the nucleon. D 57, 5920(BR)<sub>(1)</sub>  
 — (see Bora, K.) D 57, 6906<sub>(1)</sub>  
**Jain, V.** — (see Alam, M. S.) D 57, 4467<sub>(1)</sub>

- (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Jalilian-Marian, Jamal and Bayram Tekin** — Temperature dependence of  $\eta$  and  $\eta'$  masses. D 57, 5593(1)  
**James, C.** — (see Aitala, E. M.) D 57, 13(1)  
**James, E.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Jamnik, D.** — (see Abele, A.) D 57, 3860(1)  
**Janicek, R.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Jaques, J.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Jaranowski, Piotr and Gerhard Schäfer** — Nonuniqueness of the third post-Newtonian binary point-mass dynamics. D 57, R5948(15)  
 — **and Gerhard Schäfer** — Third post-Newtonian higher order ADM Hamilton dynamics for two-body point-mass systems. D 57, 7274(15)  
**Jedamzik, Karsten, Višnja Katalinić, and Angela V. Olinto** — Damping of cosmic magnetic fields. D 57, 3264(15)  
**Jensen, H.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Jerger, S. A.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Jesik, R.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Jessop, C. P.** — (see Abe, F.) D 57, 1359(1)  
 — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Jevicki, Antal** — Light-front partons and dimensional reduction in relativistic field theory. D 57, R5955(15)  
**Ji, Chueng-Ryong, Michael Binger, and Farhang Amiri** — Comment on “QCD fragmentation functions for  $B_c$  and  $B_c^*$  production”. D 57, 7048(C)(1)  
 — **and Dong-Pil Min** — Cooling modes of neutron stars. D 57, 5963(15)  
 — (see Brodsky, Stanley J.) D 57, 245(1)  
 — (see Szczepaniak, Adam) D 57, 2813(1)  
**Ji, Jeong-Young** — (see Cai, Rong-Gen) D 57, 6547(BR)(15)  
**Ji, Xiangdong and Jonathan Osborne** — One-loop QCD corrections to deeply-virtual Compton scattering: The parton helicity-independent case. D 57, R1337(1)  
**Jia, Q. P.** — (see Bai, J. Z.) D 57, 3187(E)(1)  
**Jiang, C. H.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Jiang, J. Z.-Y.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Jido, D.** — (see Nemoto, Y.) D 57, 4124(1)  
**Jin, Changhao** — Analysis of the hadronic invariant mass spectrum in inclusive charmless semileptonic  $B$  decays. D 57, 6851(1)  
**Jin, S.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
**Jin, Xuemin** — (see Jaffe, R. L.) D 57, 5920(BR)(1)  
**Jin, Y.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Jizba, P.** — Heat bath particle number spectrum. D 57, 3634(15)  
**(JLQCD Collaboration)** — (see Aoki, S.) D 57, 3910(1)  
**Joffe-Minor, T.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Johansen, A. A.** — (see Anselmi, D.) D 57, 7570(15)  
**Johansson, T.** — (see Evangelista, C.) D 57, 5370(1)  
**Johns, K.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Johnson, E.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Johnson, M.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Johnson, Mikkel B. and Leonard S. Kisslinger** — Hadronic couplings via QCD sum rules using three-point functions: Vacuum susceptibilities. D 57, 2847(1)  
**Johnson, S. D.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Jonckheere, A.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Jones, C. D.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Jones, D. R. T.** — (see Ellis, J.) D 57, 2665(1)  
**Jones, H. F.** — (see Blencowe, M. P.) D 57, 5092(15)  
**Jones, L.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
**Jones, M.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Jones, R. T.** — (see Evangelista, C.) D 57, 5370(1)  
**Joshi, U.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Joshipura, Anjan S., V. Ravindran, and Sudhir K. Vempati** — Charm-squark interpretation of the DESY HERA events. D 57, R5327(1)  
 — (see Berezinsky, V.) D 57, 147(1)  
**Jöstlein, H.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Joyce, Michael and Tomislav Prokopec** — Turning around the sphaleron bound: Electroweak baryogenesis in an alternative post-inflationary cosmology. D 57, 6022(15)  
**Jun, S. Y.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Jung, C. K.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Jünger, C.** — (see Arhrib, A.) D 57, 5860(1)  
 — (see Djouadi, A.) D 57, 4179(1)  
**Kadel, R. W.** — (see Abe, F.) D 57, 67(1)

- (see Abe, F.) D 57, 1359(1)
- Kaeding, Thomas A.** — (see Gherghetta, Tony) D 57, 3178(BR)(1)
- Kagan, Alexander L.** — (see Falk, Adam F.) D 57, 4290(1)
- Kagan, H.** — (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)
- (see Bonvicini, G.) D 57, 6604(1)
- (see Gronberg, J.) D 57, 33(1)
- (see Nemat, B.) D 57, 5363(1)
- Kaganovich, A. B.** — (see Guendelman, E. I.) D 57, 7200(15)
- Kahn, S.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Kaiser, David I.** — Resonance structure for preheating with massless fields. D 57, 702(15)
- Kajfasz, E.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, R3821(1)
- Kalbfleisch, G.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Kalinowsky, H.** — (see Abele, A.) D 57, 3860(1)
- Kalloniatis, Alex C.** — (see Elefsky, Vladimir L.) D 57, 5010(15)
- Kallosch, R., J. Kumar, and A. Rajaraman** — Special conformal symmetry of worldvolume actions. D 57, 6452(15)
- Kallosch, Renata** — Worldvolume supersymmetry. D 57, R3214(15)
- , **J. Rahmfeld, and Wing Kai Wong** — One-loop supergravity corrections to black hole entropy and residual supersymmetry. D 57, 1063(15)
- Kaloper, Nemanja, Ian I. Kogan, and Keith A. Olive** — Cosmological solutions in M and string theory. D 57, 7340(15)
- and **Keith A. Olive** — Singularities in scalar-tensor cosmologies. D 57, 811(15)
- Kamal, A. N. and C. W. Luo** — Inelastic final-state interactions and two-body hadronic  $B$  decays into single-isospin channels. D 57, 4275(1)
- Kamal, B.** — Drell-Yan forward-backward and spin asymmetries for arbitrary vector boson production at next-to-leading order. D 57, 6663(1)
- Kambara, H.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Kambor, Joachim** — (see Hemmert, Thomas R.) D 57, 5746(1)
- Kamionkowski, Marc and Ali Kinkhabwala** — Galactic halo models and particle dark-matter detection. D 57, 3256(15)
- and **Arthur Kosowsky** — Detectability of inflationary gravitational waves with microwave background polarization. D 57, 685(15)
- Kammel, P.** — (see Abele, A.) D 57, 3860(1)
- Kämmle, B.** — (see Abele, A.) D 57, 3860(1)
- Kamon, T.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Kanaya, K.** — (see Aoki, S.) D 57, 3910(1)
- Kandaswamy, J.** — (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)
- (see Bonvicini, G.) D 57, 6604(1)
- (see Gronberg, J.) D 57, 33(1)
- (see Nemat, B.) D 57, 5363(1)
- Kandus, Alejandra** — (see Calzetta, Esteban A.) D 57, 7139(15)
- Kane, Gordon L.** — (see Gherghetta, Tony) D 57, 3178(BR)(1)
- Kaneko, T.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Kanemura, Shinya and Hide-Aki Tohyama** — Nondecoupling effects of Higgs bosons on  $e^+e^- \rightarrow W_L^+ W_L^-$  in the two-doublet model. D 57, 2949(1)
- Kang, J. S.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Kang, S. H.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- Kanti, P., N. E. Mavromatos, J. Rizos, K. Tamvakis, and E. Winstanley** — Dilatonic black holes in higher curvature string gravity. II. Linear stability. D 57, 6255(15)
- Kanzaki, J.** — (see Miura, M.) D 57, 5345(1)
- Kao, C. P.** — (see Geng, C. Q.) D 57, 4479(BR)(1)
- Kao, Chung** — (see Barger, V.) D 57, 3131(1)
- (see Dicus, Duane A.) D 57, 2443(15)
- Kao, Hsien-chung** — Non-Abelian Chern-Simons coefficient in the Higgs phase. D 57, 7416(15)
- Kaplan, Daniel M.** — Remarks on muon  $g-2$  experiments and possible  $CP$  violation in  $\pi \rightarrow \mu \rightarrow e$  decay. D 57, R3827(1)
- Kar, S.** — (see Barik, N.) D 57, 405(1)
- Karanikas, A. I.** — (see Gellas, G. C.) D 57, 3763(15)
- Kardelis, D. A.** — (see Abe, F.) D 57, 1359(1)
- Karliner, I.** — (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)
- (see Bonvicini, G.) D 57, 6604(1)
- (see Gronberg, J.) D 57, 33(1)
- (see Nemat, B.) D 57, 5363(1)
- Karliner, M.** — (see Ellis, J.) D 57, 2665(1)
- Karmgard, D.** — (see Abbott, B.) D 57, R3817(1)
- Karr, K.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Karsch, F.** — (see Heller, U. M.) D 57, 1438(1)
- Kasai, Masumi** — (see Morita, Masaaki) D 57, 6094(15)
- Kasha, H.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Kasper, P. A.** — (see Aitala, E. M.) D 57, 13(1)
- Kass, R.** — (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)
- (see Bonvicini, G.) D 57, 6604(1)
- (see Gronberg, J.) D 57, 33(1)
- (see Nemat, B.) D 57, 5363(1)
- Kastening, Boris** — Five-loop vacuum energy  $\beta$  function in  $\phi^4$  theory with  $O(N)$ -symmetric and cubic interactions. D 57, 3567(15)
- (see van der Bij, J. J.) D 57, 2903(1)
- Kastor, David and Jennie Traschen** — Very effective string model? D 57, 4862(15)
- Katalinić, Višnja** — (see Jedamzik, Karsten) D 57, 3264(15)
- Katkov, V. M.** — (see Baier, V. N.) D 57, 3146(1)
- Kato, Y.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Kawakami, S.** — (see Adarkar, H. R.) D 57, 2653(1)
- Kawasaki, M., T. Maehara, and M. Yonezawa** — Gluonic radius of the proton and high energy  $\bar{p}p$  scattering. D 57, 1822(1)
- , **Naoshi Sugiyama, and T. Yanagida** — Primordial black hole formation in a double inflation model in supergravity. D 57, 6050(15)
- Kay, Bernard S.** — (see Cramer, Claes R.) D 57, 1052(15)
- Ke, Z. J.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Bai, J. Z.) D 57, 3854(1)
- Keaffaber, T. A.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Keeble, L.** — (see Abe, F.) D 57, 1359(1)
- Kehoe, R.** — (see Abachi, S.) D 57, 589(BR)(1)

- (see Abbott, B.) D 57, R3817(1)
- Keith, E. and Ernest Ma** — Decay of  $Z$  into three pseudoscalar bosons. D 57, 2017(BR)(1)
- Keller, S.** — (see Baur, U.) D 57, 199(1)
- (see Giele, W. T.) D 57, 4433(1)
- Kelley, K.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Kelly, M. L.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Kelsey, M. H.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Bai, J. Z.) D 57, 3854(1)
- Kenmoku, Masakatsu, Hiroto Kubotani, Eiichi Takasugi, and Yuki Yamazaki** — de Broglie–Bohm interpretation for the wave function of quantum black holes. D 57, 4925(15)
- Kennedy, R. D.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Kenway, R. D.** — (see Bowler, K. C.) D 57, 6948(1)
- Kephart, R.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Kerth, L.** — (see Abachi, S.) D 57, 589(BR)(1)
- Kesten, P.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- Kestenbaum, D.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Ketov, Sergei V.** — Next-to-leading-order correction to the effective action in  $N=2$  gauge theories. D 57, 1277(15)
- Keum, Yong-Yeon and Ulrich Nierste** — Probing penguin coefficients with the lifetime ratio  $\tau(B_s)/\tau(B_d)$ . D 57, 4282(1)
- Keup, R. M.** — (see Abe, F.) D 57, 1359(1)
- Keutelian, H.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- Keyvan, F.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- Khanna, M. P.** — (see Sinha, Sonali) D 57, 4483(BR)(1)
- Kharadia, B.** — (see Abe, F.) D 57, 67(1)
- Kharraziha, H.** — (see Andersson, B.) D 57, 5543(1)
- Khazins, D.** — (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Khvedelidze, A. M.** — (see Gogilidze, S. A.) D 57, 7488(15)
- Kiem, Youngjai, Chang-Yeong Lee, and Dahl Park** —  $S$ -wave sector of type IIB supergravity on  $S^1 \times T^4$ . D 57, 2381(15)
- (see Hyun, Seungjoon) D 57, 4856(15)
- Kiers, Ken and Michel H. G. Tytgat** — Neutrino ground state in a dense star. D 57, 5970(15)
- and **Nathan Weiss** — Neutrino oscillations in a model with a source and detector. D 57, 3091(1)
- Kijowski, J.** — (see Hájíček, P.) D 57, 914(15)
- Kikuchi, R.** — (see Miura, M.) D 57, 5345(1)
- Kikuchi, T.** — (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Kikukawa, Yoshio, Rajamani Narayanan, and Herbert Neuberger** — Monte Carlo evaluation of a fermion-number-violating observable in 2D. D 57, 1233(15)
- Kilcup, Greg, Rajan Gupta, and Stephen R. Sharpe** — Staggered fermion matrix elements using smeared operators. D 57, 1654(1)
- Kilian, K.** — (see Evangelista, C.) D 57, 5370(1)
- Kilian, W.** — (see Boos, E.) D 57, 1553(1)
- Kim, B. J.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Kim, B. K.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Bai, J. Z.) D 57, 3854(1)
- Kim, C. L.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Kim, C. S., Yeong Gyun Kim, and Kang Young Lee** — Motion of a  $b$  quark inside a  $B$  meson: The parton model versus the Altarelli–Cabibbo–Corbo–Maiani–Martinelli model. D 57, 4002(1)
- , **D. London**, and **T. Yoshikawa** — Using  $B_s^0$  decays to determine the  $CP$  angles  $\alpha$  and  $\gamma$ . D 57, 4010(1)
- (see Choi, S. Y.) D 57, 7023(BR)(1)
- Kim, C. W.** — (see Bilenky, S. M.) D 57, 6981(1)
- Kim, D. H.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- Kim, D. Y.-J.** — (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)
- (see Bonvicini, G.) D 57, 6604(1)
- (see Gronberg, J.) D 57, 33(1)
- (see Nemati, B.) D 57, 5363(1)
- Kim, H. S.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Kim, Hang Bae** — (see Choi, Kiwoon) D 57, 7521(15)
- Kim, Hyun-Chul, Maxim V. Polyakov, Michał Praszalowicz, and Klaus Goeke** — Semileptonic decay constants of octet baryons in the chiral quark-soliton model. D 57, 299(1)
- , **Michał Praszalowicz**, and **Klaus Goeke** — Magnetic moments of the  $SU(3)$  decuplet baryons in the chiral quark-soliton model. D 57, 2859(1)
- Kim, Jaewan, Jorge L. Lopez, D. V. Nanopoulos, Raghavan Rangarajan, and A. Zichichi** — Light-gravitino production at hadron colliders. D 57, 373(1)
- Kim, Jihn E. and P. Ko** — Supersymmetric interpretation of high- $Q^2$  DESY HERA events and other related issues. D 57, 489(1)
- Kim, Jin Young** — (see Lee, H. W.) D 57, 7361(15)
- Kim, Joon-Il and Byung-Yoon Park** — Casimir energy of the Skyrmion due to kaon vacuum fluctuations. D 57, 2853(1)
- Kim, N. J.** — (see Lee, H. W.) D 57, 7361(15)
- Kim, P. C.** — (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)
- (see Bonvicini, G.) D 57, 6604(1)
- (see Gronberg, J.) D 57, 33(1)
- (see Nemati, B.) D 57, 5363(1)
- Kim, S. B.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- Kim, S. H.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Kim, S. K.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Kim, Sun Myong** — (see Chay, June-gone) D 57, 224(1)
- Kim, Victor T. and Grigori B. Pivovarov** — Balitskiĭ–Fadin–Kuraev–Lipatov Pomeron manifestation in inclusive single jet production in high-energy hadron collisions. D 57, R1341(1)
- Kim, Y. K.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Kim, Yeong Gyun** — (see Kim, C. S.) D 57, 4002(1)
- Kinkhabwala, Ali** — (see Kamionkowski, Marc) D 57, 3256(15)
- Kinoshita, K.** — (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)
- (see Bonvicini, G.) D 57, 6604(1)

- (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Kinoshita, T.** — (see Hayakawa, M.) D 57, 465(1)  
**Kirsch, L.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Kirsebom, K.** — (see Evangelista, C.) D 57, 5370(1)  
**Kiselev, V. G. and Ya. M. Shnir** — Forced topological nontrivial field configurations. D 57, 5174(15)  
**Kiselev, V. V.** — (see Berezhnuy, A. V.) D 57, 4385(1)  
**Kisiel, J.** — (see Abele, A.) D 57, 3860(1)  
**Kisslinger, Leonard S.** — (see Johnson, Mikkel B.) D 57, 2847(1)  
**Kizilersü, A.** — (see Bashir, A.) D 57, 1242(15)  
**Klapdor-Kleingrothaus, H. V.** — (see Hirsch, M.) D 57, 1947(1)  
 — (see Hirsch, M.) D 57, 2020(BR)(1)  
**Klatchko, A.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Klebanov, Igor R.** — (see Gross, David J.) D 57, 6420(15)  
**Kleibhaus, Burkhard and Jutta Kunz** — Static axially symmetric Einstein-Yang-Mills-dilaton solutions: Regular solutions. D 57, 834(15)  
 — and **Jutta Kunz** — Static axially symmetric Einstein-Yang-Mills-dilaton solutions. II. Black hole solutions. D 57, 6138(15)  
**Klein, C. and O. Richter** — Explicit solution of Riemann-Hilbert problems for the Ernst equation. D 57, 857(15)  
**Kleinert, Hagen** — Strong-coupling behavior of  $\phi^4$  theories and critical exponents. D 57, 2264(15)  
**Klemm, D., V. Moretti, and L. Vanzo** — Rotating topological black holes. D 57, 6127(15)  
**Klempt, E.** — (see Abele, A.) D 57, 3860(1)  
**Klima, B.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Klimenko, S.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Klochov, B. I.** — (see Abachi, S.) D 57, 589(BR)(1)  
**Klopfenstein, C.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Klösch, Thomas and Thomas Strobl** — Global view of kinks in 1+1 gravity. D 57, 1034(15)  
**Klyukhin, V. I.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Kneur, Jean-Loïc** — Variational quark mass expansion and the order parameters of chiral symmetry breaking. D 57, 2785(1)  
**Kniefel, B. A.** — (see Diener, K.-P. O.) D 57, 2771(1)  
**Knoblauch, D.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Knochlein, Germar** — (see Hemmert, Thomas R.) D 57, 5746(1)  
**Knöx, L.** — (see Bond, J. R.) D 57, 2117(15)  
**Ko, P.** — (see Kim, Jihn E.) D 57, 489(1)  
**Kobes, R.** — (see Carrington, M. E.) D 57, 2631(BR)(15)  
 — (see Carrington, M. E.) D 57, 6372(15)  
**Koch, H.** — (see Abele, A.) D 57, 3860(1)  
**Kochelev, N. I.** — Instantons and polarized structure functions. D 57, 5539(1)  
**Kochetkov, V. I.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Kodama, Hideo and Takashi Hamazaki** — Evolution of cosmological perturbations in the long wavelength limit. D 57, 7177(15)  
**Koehn, P.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Koepf, Werner** — (see Frankfurt, Leonid) D 57, 512(1)  
**Kogan, Ian I., Alex Kovner, and Mikhail Shifman** — More on supersymmetric domain walls,  $N$  counting, and glued potentials. D 57, 5195(15)  
 — (see Kaloper, Nemanja) D 57, 7340(15)  
**Kogut, John B.** — (see Franzki, Wolfgang) D 57, 6625(1)  
**Kohli, J. M.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Koide, Yoshio** — Neutrino masses and mixings in a universal seesaw mass matrix model. D 57, 5836(1)  
 — (see Fusaoka, Hideo) D 57, 3986(1)  
**Koike, Tatsuhiko** — (see Iguchi, Osamu) D 57, 3340(15)  
 — (see Maeda, Kengo) D 57, 3503(15)  
**Koks, Don, B. L. Hu, Andrew Matacz, and Alpan Raval** — Erratum: Thermal particle creation in cosmological spacetimes: A stochastic approach [Phys. Rev. D 56, 4905 (1997)]. D 57, 1317(E)(15)  
**Kokubun, F.** — Gravitational waves from the Hénnon-Heiles system. D 57, 2610(BR)(15)  
**Kolb, Edward W.** — (see Chung, Daniel J. H.) D 57, 4606(15)  
**Kolb, St.** — (see Hirsch, M.) D 57, 2020(BR)(1)  
**Kolda, Christopher** — (see Babu, K. S.) D 57, 6788(1)  
**Kolo, C.** — (see Abele, A.) D 57, 3860(1)  
**Koltick, D.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Kondo, K.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Kondo, Kei-Ichi** — Abelian-projected effective gauge theory of QCD with asymptotic freedom and quark confinement. D 57, 7467(15)  
**Kondo, T.** — (see Miura, M.) D 57, 5345(1)  
**Kong, D.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Königter, A.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Konigsberg, J.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Koniuk, Roman** — (see Stewart, Chris) D 57, 5581(1)  
**Kopf, Alexander and Georg Raffelt** — Photon dispersion in a supernova core. D 57, 3235(15)  
**Kopp, S.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Kordas, K.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Korhonen, T. T.** — (see Miura, M.) D 57, 5345(1)  
**Körner, J. G.** — (see Ivanov, M. A.) D 57, 5632(1)  
**Korolkov, I.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Korsmo, H.** — (see Evangelista, C.) D 57, 5370(1)  
**Korte, A. P.** — (see Blencowe, M. P.) D 57, 5092(15)  
**Korytov, A.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Koska, W.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
**Kosower, David A.** — Antenna factorization of gauge-theory amplitudes. D 57, 5410(1)  
 — (see Giele, W. T.) D 57, 1878(1)  
**Kosowsky, Arthur** — (see Kamionkowski, Marc) D 57, 685(15)  
**Kostelecký, V. Alan** — (see Bluhm, Robert) D 57, 3932(1)

- Kostritskiy, A. V.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Kosyakov, B. P.** — Exact solutions in the Yang-Mills-Wong theory.  
 D 57, 5032(15)
- Kotcher, J.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Kotov, S.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Kotwal, A. V.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Kou, Emi** — (see Ahmady, Mohammad R.) D 57, 1997(BR)(1)  
 — (see Ahmady, Mohammad R.) D 57, 7034(BR)(1)
- Kourlas, J.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Kovacs, E.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Kovács, Tamás G. and E. T. Tomboulis** — Vortices and confinement  
 at weak coupling. D 57, 4054(1)
- Kovalenko, S. G.** — (see Hirsch, M.) D 57, 1947(1)  
 — (see Hirsch, M.) D 57, 2020(BR)(1)
- Kovner, Alex** — (see Kogan, Ian I.) D 57, 5195(15)
- Kowald, W.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Kozelov, A. V.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Kozhevnikov, A. A.** — (see Achasov, N. N.) D 57, 4334(1)
- Kozlovski, E. A.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Krämer, M.** — (see Beneke, M.) D 57, 4258(1)
- Krane, J.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Krasberg, M.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)
- Krasnikov, S. V.** — Hyperfast travel in general relativity. D 57, 4760(15)
- Krauth, Werner** — (see Staudacher, Matthias) D 57, 2456(15)
- Kravchenko, I.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Krawczyk, Maria and Andrzej Zembrzusi** — Probing the structure  
 of the virtual photon in the deep inelastic Compton process at the  
 DESY HERA collider. D 57, R10(1)
- Kreinick, D. L.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Kress, Brian T.** — (see Nelson, Charles A.) D 57, 5923(BR)(1)
- Krisch, J. P.** — (see Glass, E. N.) D 57, R5945(15)
- Krishnaswamy, M. R.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
 — (see Adarkar, H. R.) D 57, 2653(1)
- Kroll, J.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Kruse, M.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Krzywdzinski, S.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Ktorides, C. N.** — (see Gellas, G. C.) D 57, 3763(15)
- Kuang, Yu-Ping** — (see Shen, Kun) D 57, 6386(15)  
 — (see Zhou, Hong-Yi) D 57, 4205(1)
- Kubota, T.** — (see Wakamatsu, M.) D 57, 5755(1)
- Kubota, Y.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Kubotani, Hiroto** — (see Kenmoku, Masakatsu) D 57, 4925(15)
- Kuhlmann, S. E.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Kumar, Alok** — (see Biswas, Anindya K.) D 57, 5141(15)
- Kumar, J.** — (see Kallosh, R.) D 57, 6452(15)
- Kumar, S. P.** — (see Boyanovsky, D.) D 57, 2166(15)
- Kumar, S. Prem** — (see Boyanovsky, Daniel) D 57, 3653(15)
- Kundu, Anirban** — (see Ghosal, Ambar) D 57, 1972(1)
- Kunihiro, Teiji** — Renormalization-group resummation of a divergent  
 series of the perturbative wave functions of the quantum  
 anharmonic oscillator. D 57, R2035(15)
- Kunori, S.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Kuns, E.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Kunstatter, G., R. Petryk, and S. Shlemy** — Hamiltonian  
 thermodynamics of black holes in generic 2D dilaton gravity.  
 D 57, 3537(15)
- Kunz, Jutta** — (see Kleihaus, Burkhard) D 57, 834(15)  
 — (see Kleihaus, Burkhard) D 57, 6138(15)
- Kunz, M.** — (see Durrer, R.) D 57, R3199(15)
- Kunze, Kerstin E.** — (see Barrow, John D.) D 57, 2255(15)
- Kunze, M.** — (see Abele, A.) D 57, 3860(1)
- Kuramashi, Y.** — (see Aoki, S.) D 57, 3910(1)
- Kurashige, H.** — (see Miura, M.) D 57, 5345(1)
- Kurilla, U.** — (see Abele, A.) D 57, 3860(1)
- Kurino, K.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Kutschke, R.** — (see Ammar, R.) D 57, 1350(1)  
 — (see Gronberg, J.) D 57, 33(1)
- Kuwabara, T.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Kwak, N.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Kwan, S.** — (see Aitala, E. M.) D 57, 13(1)
- Kwiecinski, J., C. A. M. Lewis, and A. D. Martin** — Deep inelastic  
 events containing two forward jets at DESY HERA. D 57, 496(1)
- Kwon, Y.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)

- (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Kwon, Y. J.** — (see Choi, S. Y.) D 57, 7023(BR)<sup>(1)</sup>
- Laasanen, A. T.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Labanca, N.** — (see Abe, F.) D 57, 1359<sup>(1)</sup>
- Lai, I. C.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Lai, Y. F.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>
- Lakata, M.** — (see Abele, A.) D 57, 3860<sup>(1)</sup>
- Lami, S.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
 — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Lammel, S.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Lämmerzahl, Claus** — (see García, Alberto) D 57, 3457<sup>(15)</sup>
- Lamoureux, J. I.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Lampert, Melissa A. and Carmen Molina-París** — Effective equation of state for a spherically expanding pion plasma. D 57, 83<sup>(1)</sup>
- Lan, H.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Lan, H. B.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>
- Lanaro, A.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>
- Lancaster, M.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Lander, R.** — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Landry, F.** — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Landsberg, G.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Landua, R.** — (see Abele, A.) D 57, 3860<sup>(1)</sup>
- Lang, P. F.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>
- Langacker, Paul** — (see Cleaver, Gerald) D 57, 2701<sup>(1)</sup>
- Lange, D. J.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Langs, D. C.** — (see Aitala, E. M.) D 57, 13<sup>(1)</sup>
- Lankford, A.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>
- Lanzoni, M.** — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Larios, F., Tim Tait, and C.-P. Yuan** — Anomalous  $W^+W^-t\bar{t}$  couplings at the  $e^+e^-$  linear collider. D 57, 3106<sup>(1)</sup>
- Larsen, Arne L.** — (see Dąbrowski, Mariusz P.) D 57, 5108<sup>(15)</sup>
- Larsen, Finn** — (see Balasubramanian, Vijay) D 57, 3509<sup>(15)</sup>  
 — (see Cvetič, Mirjam) D 57, 6297<sup>(15)</sup>
- Latino, G.** — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Lattery, M.** — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>
- Lauer, B.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Lavelle, Martin** — (see Bagan, Emili) D 57, R4521<sup>(15)</sup>
- Leach, P. G. L.** — (see Cotsakis, S.) D 57, 4691<sup>(15)</sup>
- Learned, John G.** — (see Flanagan, John W.) D 57, R2649<sup>(1)</sup>
- Lebed, Richard F.** — (see Grinstein, Benjamin) D 57, 1366<sup>(1)</sup>
- Leblanc, Y.** — (see Casadio, R.) D 57, 1309(BR)<sup>(15)</sup>
- Lebrat, J-F.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- Lecca, Paola** — (see Cognola, Guido) D 57, 1108<sup>(15)</sup>
- Lechner, Ch.** — (see Aichelburg, P. C.) D 57, 6176<sup>(15)</sup>
- LeCompte, T.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Lee, Chang-Yeong** — (see Kiem, Youngjai) D 57, 2381<sup>(15)</sup>
- Lee, Choongkyu** — (see Bak, Dongsu) D 57, 5239<sup>(15)</sup>
- Lee, D.-S., C. N. Leung, and Y. J. Ng** — Chiral symmetry breaking in a uniform external magnetic field. II. Symmetry restoration at high temperatures and chemical potentials. D 57, 5224<sup>(15)</sup>
- Lee, Frank X.** — Determination of decuplet baryon magnetic moments from QCD sum rules. D 57, 1801<sup>(1)</sup>
- Lee, H. W., N. J. Kim, Y. S. Myung, and Jin Young Kim** — Stability analysis and absorption cross section in three-dimensional black string. D 57, 7361<sup>(15)</sup>
- Lee, Hyuk-jae** — (see Hyun, Seungjoon) D 57, 6561(E)<sup>(15)</sup>
- Lee, J.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Lee, Julian** — Hamiltonian formulation of the  $D$ -brane action and the light-cone Hamiltonian. D 57, 5134<sup>(15)</sup>
- Lee, Jungil** — (see Baek, M. S.) D 57, 4091<sup>(1)</sup>
- Lee, Kang Young** — Implications of the recent CERN LEP data on nonuniversal interactions with the precision electroweak tests. D 57, 598(BR)<sup>(1)</sup>  
 — (see Kim, C. S.) D 57, 4002<sup>(1)</sup>
- Lee, Kimyeong and Changhai Lu** — Two massive and one massless  $Sp(4)$  monopole. D 57, 5260<sup>(15)</sup>  
 — (see Bak, Dongsu) D 57, 5239<sup>(15)</sup>
- Lee, S. C.** — (see Bos, J. W.) D 57, 4101<sup>(1)</sup>
- Lee, S. J.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Lee, Sam-Hyeon** — (see Choi, S. Y.) D 57, 7023(BR)<sup>(1)</sup>
- Lee, T.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Lee, Taekoon** — (see Clark, T. E.) D 57, 5912(BR)<sup>(1)</sup>
- Leflat, A.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Lehner, L.** — (see Gómez, R.) D 57, 4778<sup>(15)</sup>

- Leibovich, Adam K., Zoltan Ligeti, Iain W. Stewart, and Mark B. Wise** — Semileptonic  $B$  decays to excited charmed mesons. D 57, 308(1)
- and **Iain W. Stewart** — Semileptonic  $\Lambda_b$  decay to excited  $\Lambda_c$  baryons at order  $\Lambda_{\text{QCD}}/m_Q$ . D 57, 5620(1)
- Leigh, Robert G.** — (see Balasubramanian, Vijay) D 57, 3509(15)
- Lellouch, L.** — (see Bowler, K. C.) D 57, 6948(1)
- Lemmer, R. L.** — (see Cotsakis, S.) D 57, 4691(15)
- Lemos, José P. S.** — Gravitational collapse to toroidal, cylindrical, and planar black holes. D 57, 4600(15)
- Lenz, Frieder** — (see Eletsky, Vladimir L.) D 57, 5010(15)
- Leone, S.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Leslie, J.** — (see Aitala, E. M.) D 57, 13(1)
- Leung, C. N.** — (see Lee, D.-S.) D 57, 5224(15)
- Leung, Ka Chun** — (see Golterman, Maarten F. L.) D 57, 5703(1)
- Levin, Janna** — Curing singularities: From the big bang to black holes. D 57, 7611(BR)(15)
- Levin, Yu.** — Internal thermal noise in the LIGO test masses: A direct approach. D 57, 659(15)
- Quantum nondemolition and higher order effects for a nonlinear meter in an interferometric gravitational wave antenna. D 57, 2069(15)
- Lewis, C. A. M.** — (see Kwiecinski, J.) D 57, 496(1)
- Lewis, J. D.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, 5382(1)
- Li, Bing An** —  $\tau \rightarrow \eta(\eta') 2\pi\nu$ ,  $3\pi\nu$  and the WZW anomaly. D 57, 1790(1)
- $\tau \rightarrow \eta(\eta') 2\pi\nu$ ,  $3\pi\nu$  and the WZW anomaly. D 57, 032003(1)
- Li, C. G.** — (see Bai, J. Z.) D 57, 3854(1)
- Li, Chong Sheng, Robert J. Oakes, Jin Min Yang, and Hong-Yi Zhou** — Supersymmetric QCD corrections to single top quark production at the Fermilab Tevatron. D 57, 2009(BR)(1)
- Li, Chong-Sheng, Shou-Hua Zhu, and Cong-Feng Qiao** — Radiative Higgs boson decays  $H \rightarrow f\bar{f}\gamma$  beyond the standard model. D 57, 6928(1)
- Li, D.** — (see Bai, J. Z.) D 57, 3854(1)
- Li, F.** — (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Gronberg, J.) D 57, 33(1)
- Li, H.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Li, H. B.** — (see Bai, J. Z.) D 57, 3854(1)
- Li, Hsiang-nan and B. Tseng** — Nonfactorizable soft gluons in nonleptonic heavy meson decays. D 57, 443(1)
- Li, J.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Bai, J. Z.) D 57, 3854(1)
- Li, Ling-Fong** — (see Cheng, T. P.) D 57, 344(1)
- Li, M.** — (see Awata, H.) D 57, 5303(BR)(15)
- Li, P. Q.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Bai, J. Z.) D 57, 3854(1)
- Li, Q.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- Li, R. B.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Bai, J. Z.) D 57, 3854(1)
- Li, Tianjun** — Compactification and supersymmetry breaking in M theory. D 57, 7539(15)
- Li, W.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Bai, J. Z.) D 57, 3854(1)
- Li, W. D.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Bai, J. Z.) D 57, 3854(1)
- Li, W. G.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Bai, J. Z.) D 57, 3854(1)
- Li, X. H.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Bai, J. Z.) D 57, 3854(1)
- Li, X. N.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Bai, J. Z.) D 57, 3854(1)
- Li, Xue-Qian and Bing-Song Zou** — Inelastic rescattering and  $CP$  asymmetries in  $D \rightarrow \pi^+ \pi^-, \pi^0 \pi^0$ . D 57, 1518(1)
- (see Dong, Hui-Shi) D 57, 6807(1)
- Li, Y.** — (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)
- (see Bonvicini, G.) D 57, 6604(1)
- (see Gronberg, J.) D 57, 33(1)
- (see Nemati, B.) D 57, 5363(1)
- Li, Y. K.** — (see Abachi, S.) D 57, 589(BR)(1)
- Li, Zuo-Hong** — (see Huang, Tao) D 57, 1993(BR)(1)
- Liang, Han** — (see Yi, Jiang) D 57, 4343(1)
- Liao, Yi** — Rare decay  $\pi^0 \rightarrow 4\gamma$  in chiral perturbation theory. D 57, 1573(1)
- and **Wayne W. Repko** — Production of neutral scalar Higgs bosons at  $e\gamma$  colliders. D 57, 6998(1)
- Liddle, Andrew R.** — (see Achúcarro, Ana) D 57, 3742(15)
- (see Copeland, Edmund J.) D 57, 4686(15)
- (see Torres, Diego F.) D 57, 4821(15)
- (see Viana, Pedro T. P.) D 57, 674(15)
- Li-Demarteau, Q. Z.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Lidsey, James E.** — (see Copeland, E. J.) D 57, R625(15)
- Lietti, S. M.** — (see Gonzalez-Garcia, M. C.) D 57, 7045(BR)(1)
- Ligeti, Zoltan** — (see Leibovich, Adam K.) D 57, 308(1)
- Lih, C. C.** — (see Geng, C. Q.) D 57, 5697(1)
- Likhoded, A. A., G. Valencia, and O. P. Yushchenko** —  $CP$  violating anomalous couplings at a 500 GeV  $e^+e^-$  linear collider. D 57, 2974(1)
- Likhoded, A. K.** — (see Berezhnuy, A. V.) D 57, 4385(1)
- Lima, J. G. R.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Limon, P.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Lin, S. Z.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- Lin, Y. C.** — (see Bos, J. W.) D 57, 4101(1)
- Lincoln, D.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Linde, Andrei** — (see García-Bellido, Juan) D 57, 6075(15)
- Linde, Johan, Tommy Ohlsson, and Håkan Snellman** — Octet baryon magnetic moments in the chiral quark model with configuration mixing. D 57, 452(1)
- , **Tommy Ohlsson, and Håkan Snellman** — Decuplet baryon magnetic moments in the chiral quark model. D 57, 5916(BR)(1)
- Lindgren, M.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Linnet, B.** — (see Charmousis, C.) D 57, 5150(15)
- Ling, Z.** — (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)

- (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Lingel, K.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Linn, S. L.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Linnemann, J.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Lipari, Paolo and Maurizio Lusignoli** — Energy and zenith angle distribution of upward going muons and neutrino oscillations. D 57, R3842(1)  
**Lippert, Th.** — (see Eicker, N.) D 57, 4080(1)  
**Lipton, R.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Lisi, E.** — (see Fogli, G. L.) D 57, 5893(1)  
**Liss, T. M.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Liu, Chun** —  $1/N_c$  expansion of the heavy baryon Isgur-Wise functions. D 57, 1991(BR)(1)  
 — (see Baek, M. S.) D 57, 4091(1)  
**Liu, Dongsheng** — (see Delbourgo, R.) D 57, 5732(1)  
**Liu, H. M.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Liu, J.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Liu, J. B.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Liu, J. H.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Liu, K. F.** — (see Thron, C.) D 57, 1642(1)  
**Liu, Q.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
**Liu, Q. Y.** — (see Babu, K. S.) D 57, 5825(1)  
**Liu, R. G.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Liu, Y.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Liu, Y. C.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
 — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Liu, Z. A.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
**Lobkowicz, F.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Lobo, J. A.** — (see Bianchi, M.) D 57, 4525(15)  
 — (see Coccia, E.) D 57, 2051(15)  
**Lockyer, N.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Lodi Rizzini, E.** — (see Bertin, A.) D 57, 55(1)  
**Lohner, M.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Loinaz, Will** — (see Boyanovsky, D.) D 57, 100(1)  
**Loken, S. C.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Lökös, S.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Lombardi, M.** — (see Bertin, A.) D 57, 55(1)  
**Lombardo, Maria-Paola** — (see Franzki, Wolfgang) D 57, 6625(1)  
**Londergan, J. T.** — (see Bhalerao, R. S.) D 57, 3065(1)  
**London, D.** — (see Kim, C. S.) D 57, 4010(1)  
**Long, O.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Loomis, C.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Lopes, Marco** — (see Nelson, Charles A.) D 57, 5923(BR)(1)  
**Lopez, Jorge L.** — (see Kim, Jaewan) D 57, 373(1)  
**Loreti, M.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Lou, X. C.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Louko, Jorma, Bernard F. Whiting, and John L. Friedman** — Hamiltonian spacetime dynamics with a spherical null-dust shell. D 57, 2279(15)  
**Lousto, Carlos O. and Richard H. Price** — Improved initial data for black hole collisions. D 57, 1073(15)  
**Love, S. T.** — (see Clark, T. E.) D 57, 5912(BR)(1)  
**Lo Vetere, M.** — (see Evangelista, C.) D 57, 5370(1)  
**Low, E. H.** — (see Abe, F.) D 57, 1359(1)  
**Lowery, B.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Lu, Changhai** — (see Lee, Kimyeong) D 57, 5260(15)  
**Lu, F.** — (see Bai, J. Z.) D 57, 3854(1)  
**Lu, Gong-Ru** — (see Zhou, Hong-Yi) D 57, 4205(1)  
**Lu, Gongru, Chongxing Yue, and Jinshu Huang** — Rare decays of the top quark in the top-color-assisted multiscale technicolor model. D 57, 1755(1)  
**Lü, H., J. Maharana, S. Mukherji, and C. N. Pope** — Cosmological solutions,  $p$ -branes, and the Wheeler-DeWitt equation. D 57, 2219(15)  
**Lu, J.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
**Lu, J. G.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Lu, J. Y.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Lu, Jizong and Baofa Huang** — Casimir energy for a piecewise uniform Green-Schwarz superstring. D 57, 5280(BR)(15)  
**Lu, L. C.** — (see Bai, J. Z.) D 57, 3854(1)  
**Lublinsky, M.** — (see Blok, B.) D 57, 2676(1)  
**Lucchesi, D.** — (see Abe, F.) D 57, 67(1)

- (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Lucherini, V.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>  
**Luchini, C. B.** — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
**Lüdemann, J.** — (see Abele, A.) D 57, 3860<sup>(1)</sup>  
**Ludwig, G. S.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
**Lueking, L.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Lukas, André, Burt A. Ovrut, and Daniel Waldram** — Gaugino condensation in M theory on  $S^1/Z_2$ . D 57, 7529<sup>(15)</sup>  
**Luke, Michael and Martin J. Savage** — Power counting in dimensionally regularized nonrelativistic QCD. D 57, 413<sup>(1)</sup>  
 — (see Falk, Adam F.) D 57, 424<sup>(1)</sup>  
**Lukens, P.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Lundberg, B.** — (see Aitala, E. M.) D 57, 13<sup>(1)</sup>  
**Lungov, T. L.** — (see Éboli, O. J. P.) D 57, 1715<sup>(1)</sup>  
**Luo, C. H.** — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>  
**Luo, C. W.** — (see Kamal, A. N.) D 57, 4275<sup>(1)</sup>  
**Luo, S.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
**Luo, S. Q.** — (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>  
**Luo, Y.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>  
**Luo, Yubing** — On-shell-improved lattice QCD with staggered fermions. D 57, 265<sup>(1)</sup>  
**Lusignoli, Maurizio** — (see Lipari, Paolo) D 57, R3842<sup>(1)</sup>  
**Lusin, S.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Luty, Markus A.** — Naive dimensional analysis and supersymmetry. D 57, 1531<sup>(1)</sup>  
 — **and Eduardo Pontón** — Effective Lagrangians and light gravitino phenomenology. D 57, 4167<sup>(1)</sup>  
 — **and John Terning** — New mechanisms of dynamical supersymmetry breaking and direct gauge mediation. D 57, 6799<sup>(1)</sup>  
**Lyon, A. L.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Lys, J.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Lyth, David H., David Roberts, and Michael Smith** — Cosmological consequences of particle creation during inflation. D 57, 7120<sup>(15)</sup>  
**Lyubovitskij, V. E.** — (see Ivanov, M. A.) D 57, 5632<sup>(1)</sup>
- Ma, A. M.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>  
**Ma, E. C.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>  
**Ma, Ernest** — (see Keith, E.) D 57, 2017(BR)<sup>(1)</sup>  
**Ma, J. M.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>  
**Ma, J. P. and B. H. J. McKellar** — Mass spectrum of light and heavy hadrons from improved lattice actions. D 57, 6723<sup>(1)</sup>  
 — **, B. H. J. McKellar, and C. B. Paranaavitane** —  $J/\psi$  production at photon-photon colliders as a probe of the color octet mechanism. D 57, 606(BR)<sup>(1)</sup>  
**Maas, P.** — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
**MacFarlane, D. B.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**MacGibbon, Jane H., Robert H. Brandenberger, and U. F. Wichoski** — Limits on black hole formation from cosmic string loops. D 57, 2158<sup>(15)</sup>  
**Macias, Alfredo, Eckehard W. Mielke, and José Socorro** — Supersymmetric quantum cosmology: The physical states. D 57, 1027<sup>(15)</sup>  
 — (see García, Alberto) D 57, 3457<sup>(15)</sup>  
**Maciel, A. K. A.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Macri, M.** — (see Evangelista, C.) D 57, 5370<sup>(1)</sup>  
**Madaras, R. J.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Madden, R.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Madden, Richard** — (see Brustein, Ram) D 57, 712<sup>(15)</sup>  
**Maeda, Kei-ichi** — (see Chiba, Takeshi) D 57, 6119<sup>(15)</sup>  
 — (see Tamaki, Takashi) D 57, 4870<sup>(15)</sup>  
**Maeda, Kengo, Tatsuhiko Koike, Makoto Narita, and Akihiro Ishibashi** — Upper bound for entropy in asymptotically de Sitter space-time. D 57, 3503<sup>(15)</sup>  
**Maehara, T.** — (see Kawasaki, M.) D 57, 1822<sup>(1)</sup>  
**Maeshima, K.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Magaña-Mendoza, L.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Maggiora, A.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>  
**Maghakian, A.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
**Magueijo, João** — (see Cheung, Charlotte) D 57, 3285<sup>(15)</sup>  
**Mahanta, Uma and Ambar Ghosal** —  $R$ -parity-violating contribution to  $e^+e^-(\mu^+\mu^-)\rightarrow t\bar{c}$ . D 57, 1735<sup>(1)</sup>  
**Maharaj, Manoj** — (see Bishop, Nigel T.) D 57, 6113<sup>(15)</sup>  
**Maharana, J.** — (see Lü, H.) D 57, 2219<sup>(15)</sup>  
**Mahmood, A. H.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Maia, A., Jr.** — (see Zanchin, V.) D 57, 4651<sup>(15)</sup>  
**Mäkelä, Jarmo and Pasi Repo** — Quantum-mechanical model of the Reissner-Nordström black hole. D 57, 4899<sup>(15)</sup>  
**Maki, K. and S. Orito** — Hadron colliders as the “neutralino factory”: Search for a slow decay of the lightest neutralino at the CERN LHC. D 57, 554<sup>(1)</sup>  
**Maksimovic, P.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Malchow, R.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>  
**Maldacena, Juan** — Probing near extremal black holes with  $D$ -branes. D 57, 3736<sup>(15)</sup>  
**Maltman, Kim** — (see Bhattacharya, Tanmoy) D 57, 5455<sup>(1)</sup>  
**Mandelkern, M.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>  
 — (see Blanford, G.) D 57, 6649<sup>(1)</sup>  
**Mandula, Jeffrey E. and Michael C. Ogilvie** — Nonperturbative evaluation of the physical classical velocity in the lattice heavy quark effective theory. D 57, 1397<sup>(1)</sup>

- Mangano, M.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Mani, S.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Manke, T., I. T. Drummond, R. R. Horgan, and H. P. Shanahan (UKQCD Collaboration)** — Heavy hybrid states from NRQCD. D 57, R3829(1)
- Manko, V. S.** — (see Bretón, N.) D 57, 3382(15)
- Mann, Robert B.** — (see Burton, Howard) D 57, 4754(15)
- Mannel, Thomas** — (see Fleischer, Robert) D 57, 2752(1)
- Manohar, Aneesh V.** — (see Bauer, Christian) D 57, 337(1)
- Mansour, J.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)
- Manuel, Cristina** — Hard thermal loops and chiral Lagrangians. D 57, 2871(1)
- Mao, H. S.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
 — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Mao, Z. P.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Maravin, Y.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Marcello, S.** — (see Bertin, A.) D 57, 55(1)
- March-Russell, John** — (see Babu, K. S.) D 57, 6788(1)
- Marconi, U.** — (see Bertin, A.) D 57, 55(1)
- Marinelli, M.** — (see Evangelista, C.) D 57, 5370(1)
- Mariotti, M.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Marka, S.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Markeloff, R.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Markosky, L.** — (see Abachi, S.) D 57, 589(BR)(1)
- Marolf, Donald** — Statistical effects and the black-hole–D-brane correspondence. D 57, 2427(15)
- Maron, G.** — (see Bertin, A.) D 57, 55(1)
- Marriner, J. P.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Marrone, A.** — (see Fogli, G. L.) D 57, 5893(1)
- Mars, Marc** — Axially symmetric Einstein–Straus models. D 57, 3389(15)
- Marsa, R. L.** — (see Gómez, R.) D 57, 4778(15)
- Marsh, M. A.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Marshall, T.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Marsiske, H.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Martin, A.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Martin, A. D. and M. G. Ryskin** — Effect of off-diagonal parton distributions in diffractive vector meson electroproduction. D 57, 6692(1)  
 — (see Kwiecinski, J.) D 57, 496(1)
- Martin, Jérôme and Dominik J. Schwarz** — Influence of cosmological transitions on the evolution of density perturbations. D 57, 3302(15)
- Martin, M. I.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Martin, O., A. Schäfer, M. Stratmann, and W. Vogelsang** — Soffer’s inequality and the transversely polarized Drell–Yan process at next-to-leading order. D 57, 3084(1)
- Martinez, Emil J.** — (see Horowitz, Gary T.) D 57, 4935(15)
- Martini, A. F., M. J. Menon, and D. S. Thober** — High-energy parton-parton amplitudes from lattice QCD and the stochastic vacuum model. D 57, 3026(1)
- Martins, C. J. A. P. and E. P. S. Shellard** — Galactic magnetic fields from superconducting strings. D 57, 5276(BR)(15)  
 — and E. P. S. Shellard — Vorton formation. D 57, 7155(15)
- Martins Simões, J. A.** — (see Coutinho, Y. A.) D 57, 6975(1)
- Marzlin, Karl-Peter and Jürgen Audretsch** — States insensitive to the Unruh effect in multilevel detectors. D 57, 1045(15)
- Mas, L.** — (see Arbona, A.) D 57, 2397(15)
- Masek, G.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Masiero, Antonio** — (see Pierpaoli, Elena) D 57, 2089(15)
- Masip, M., R. Muñoz-Tapia, and A. Pomarol** — Limits on the mass of the lightest Higgs boson in supersymmetric models. D 57, R5340(1)
- Masłowski, Tomasz and Marek Więckowski** — Fourth-order similarity renormalization of a model Hamiltonian. D 57, 4976(15)
- Masoni, A.** — (see Bertin, A.) D 57, 55(1)
- Massar, S.** — (see Gabriel, Cl.) D 57, 6496(15)
- Massó, E.** — (see Grifols, J. A.) D 57, 614(BR)(1)  
 — (see Grifols, J. A.) D 57, 2005(BR)(1)
- Massó, J.** — (see Arbona, A.) D 57, 2397(15)
- Massó, Joan** — (see Alcubierre, Miguel) D 57, R4511(15)
- Masui, J.** — (see Ammar, R.) D 57, 1350(1)  
 — (see Gronberg, J.) D 57, 33(1)
- Matacz, Andrew** — (see Koks, Don) D 57, 1317(E)(15)
- Matias, J.** — (see Bertolini, S.) D 57, 4197(1)
- Matiounine, Y., J. Smith, and W. L. van Neerven** — Two-loop operator matrix elements calculated up to finite terms. D 57, 6701(1)
- Matone, Marco** — (see Bertoldi, Gaetano) D 57, 6483(15)
- Matsas, G. E. A.** — (see Guimarães, A. C. C.) D 57, 4461(1)
- Matsuda, E. K.** — (see Miura, M.) D 57, 5345(1)
- Matsuda, K.** — (see Fukuyama, T.) D 57, 5844(1)
- Matsui, T.** — (see Miura, M.) D 57, 5345(1)
- Matsuo, Yutaka** — (see Ezawa, Kiyoshi) D 57, 5118(15)
- Matthäy, H.** — (see Abele, A.) D 57, 3860(1)
- Matthews, J. A. J.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)

- Mattingly, R.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)
- Matyjasek, Jerzy** — Entropy of the quantized spin- $\frac{1}{2}$  field in the Schwarzschild spacetime. D 57, 7615(BR)(15)
- Mauritz, K. M.** — (see Abbott, B.) D 57, R3817(1)
- Mavromatos, N. E.** — (see Kanti, P.) D 57, 6255(15)
- May, B.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Maya, Mario** — (see Cerón, Victoria E.) D 57, 1934(1)
- Mayorov, A. A.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- MayTal-Beck, S.** — (see Aitala, E. M.) D 57, 13(1)
- Mazzacurati, L.** — (see Balbinot, R.) D 57, 6185(15)
- Mazzanti, P.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Mazzitelli, Francisco D.** — (see Calzetta, Esteban A.) D 57, 7139(15)
- McCarthy, R.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- McCauley, Thomas P.** — (see Nelson, Charles A.) D 57, 5923(BR)(1)
- McCrary, R.** — (see Abele, A.) D 57, 3860(1)
- McDonald, J.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- McGraw, Patrick** — Evolution of a non-Abelian cosmic string network. D 57, 3317(15)
- McIntyre, P.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- McKellar, B. H. J.** — (see Ma, J. P.) D 57, 606(BR)(1)  
 — (see Ma, J. P.) D 57, 6723(1)
- McKeon, D. G. C.** — (see Dilkies, F. A.) D 57, 1159(15)
- McKibben, T.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- McKinley, J.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- McLean, K. W.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- McMahon, T.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- McMullan, David** — (see Bagan, Emili) D 57, R4521(15)
- Meadows, B.** — (see Aitala, E. M.) D 57, 13(1)
- Mehen, Thomas** — (see Fleming, Sean) D 57, 1846(1)
- Meier, J.** — (see Abele, A.) D 57, 3860(1)
- Meissner, K. A.** — (see Buonanno, A.) D 57, 2543(15)
- Melanson, H. L.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Melese, P.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Melfo, Alejandra** — (see Aulakh, Charanjit S.) D 57, 4174(1)
- Melikhov, D., N. Nikitin, and S. Simula** — Rare exclusive semileptonic  $b \rightarrow s$  transitions in the standard model. D 57, 6814(1)
- Melnikov, Kirill** — (see Czarnecki, Andrzej) D 57, 1769(1)  
 — (see Ivanov, Dmitri) D 57, 4025(1)
- Melrose, Donald B.** — (see Weise, Jeanette I.) D 57, 5526(1)
- Menaa, M. and M. Tahiri** — BRST-anti-BRST symmetry and observables for topological gravity. D 57, 7312(15)
- Menary, S.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Mendes, Tereza** — (see Cucchieri, Attilio) D 57, R3822(1)
- Meng, Han** — (see Yi, Jiang) D 57, 4343(1)
- Meng, X. C.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Menguzzato, M.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Menon, M. G. K.** — (see Adarkar, H. R.) D 57, 2653(1)
- Menon, M. J.** — (see Martini, A. F.) D 57, 3026(1)
- Menon, N.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Menzione, A.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Merkin, M.** — (see Abbott, B.) D 57, R3817(1)
- Merkulova, Tamara A.** — (see Nasriddinov, Kamil R.) D 57, 6860(1)
- Merritt, K. W.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Meschi, E.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Metzler, S.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Meurice, Y.** — (see Godina, J. J.) D 57, 6326(15)  
 — (see Godina, J. J.) D 57, R6581(1)
- Mevissen, J.** — (see Ammar, R.) D 57, 1350(1)  
 — (see Gronberg, J.) D 57, 33(1)
- Meyer, C. A.** — (see Abele, A.) D 57, 3860(1)
- Mian-Lai, Zhou** — (see Yi, Jiang) D 57, 4343(1)
- Miao, C.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Miao, T.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Michail, G.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Michelson, Jeremy** — Scattering of four-dimensional black holes. D 57, 1092(15)
- Mielke, Eckehard W.** — (see García, Alberto) D 57, 3457(15)  
 — (see Macías, Alfredo) D 57, 1027(15)
- Miettinen, H.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Mijić, Milan** — Particle production and classical condensates in de Sitter space. D 57, 2138(15)
- Mikamo, S.** — (see Abe, F.) D 57, 1359(1)
- Milburn, R. H.** — (see Aitala, E. M.) D 57, 13(1)
- Miller, D. H.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Miller, J. S.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Miller, M.** — (see Abe, F.) D 57, 1359(1)
- Miller, R.** — (see Abe, F.) D 57, 67(1)

- (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Milton, Kimball A. and Olga P. Solovtsova** — Analytic perturbation theory: A new approach to the analytic continuation of the strong coupling constant  $\alpha_s$  into the timelike region. D 57, 5402(1)  
 — (see Bender, Carl M.) D 57, 3595(15)  
**Mimashi, T.** — (see Abe, F.) D 57, 1359(1)  
**Min, Dong-Pil** — (see Ji, Chueng-Ryong) D 57, 5963(15)  
**Minakata, Hisakazu and Hiroshi Nunokawa** — *CP* violation versus the matter effect in long-baseline neutrino oscillation experiments. D 57, 4403(1)  
**Minato, H.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Mincer, A.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Minetti, B.** — (see Bertin, A.) D 57, 55(1)  
**Minic, D.** — (see Awata, H.) D 57, 5303(BR)(15)  
**Mino, H.** — (see Aoki, S.) D 57, 3910(1)  
**Mirfakhrai, N.** — (see Bertin, A.) D 57, 55(1)  
**Miscetti, S.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Mishina, M.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Mishra, C. S.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Mistry, N. B.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Mitra, P.** — Entropy of near-extremal dyonic black holes. D 57, 7369(15)  
 — (see Ghosh, A.) D 57, 1316(E)(15)  
**Mitsushio, H.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
**Miura, M. et al.** (VENUS Collaboration) — Precise measurement of the  $e^+e^- \rightarrow \mu^+\mu^-$  reaction at  $\sqrt{s}=57.77$  GeV. D 57, 5345(1)  
**Miyake, K.** — (see Miura, M.) D 57, 5345(1)  
**Miyake, S.** — (see Adarkar, H. R.) D 57, 2653(1)  
**Miyamoto, T.** — (see Abe, F.) D 57, 67(1)  
**Miyashita, S.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Mizukoshi, J. K.** — (see Eboli, O.) D 57, 1730(1)  
**Mladenov, D. M.** — (see Gogilidze, S. A.) D 57, 7488(15)  
**Moderski, Rafal and Marek Rogatko** — Euclidean dilaton black hole vortex. D 57, 3449(15)  
**Modugno, M., G. Pettini, and R. Gatto** — Equation of state for the (2+1)-dimensional Gross-Neveu model at order  $1/N$ . D 57, 4995(15)  
**Moggi, N.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Mohammed, N.** — (see Balázs, L. K.) D 57, 3585(15)  
**Mohanty, S. D.** — Hierarchical search strategy for the detection of gravitational waves from coalescing binaries: Extension to post-Newtonian waveforms. D 57, 630(15)  
**Mohapatra, R. N. and S. Nussinov** — Possible manifestation of heavy stable colored particles in cosmology and cosmic rays. D 57, 1940(1)  
**Mohapatra, Rabindra N.** — (see Dicus, Duane A.) D 57, 578(1)  
 — (see Dicus, Duane A.) D 57, 4496(E)(1)  
**Mohayae, R.** — (see Abdalla, E.) D 57, 3777(15)  
**Mokhov, N.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Molina-Paris, Carmen** — (see Lampert, Melissa A.) D 57, 83(1)  
**Mollerach, Silvia** — Gravitational lensing on the cosmic microwave background by gravity waves. D 57, 1303(BR)(15)  
**Moncrief, Vincent** — (see Berger, Beverly K.) D 57, 7235(15)  
**Mondal, N. K.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
 — (see Adarkar, H. R.) D 57, 2653(1)  
**Moneti, G. C.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Montagna, P.** — (see Bertin, A.) D 57, 55(1)  
**Montanet, L.** — (see Abele, A.) D 57, 3860(1)  
**Monteno, M.** — (see Bilenky, S. M.) D 57, 6981(1)  
**Montes, Xavier** — (see García-Bellido, Juan) D 57, 4669(15)  
**Montgomery, H. E.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Mooney, P.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Moore, E.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Moore, Gregory** — (see Harvey, Jeffrey A.) D 57, 2323(15)  
 — (see Harvey, Jeffrey A.) D 57, 2329(15)  
**Moosburger, M.** — (see Evangelista, C.) D 57, 5370(1)  
**Morales-Técolt, Hugo A.** — (see Gambini, Rodolfo) D 57, 3711(15)  
**Moretti, M., C. Brogini, and G. Fiorentini** — Physics beyond the standard model with a new reactor experiment. D 57, 4160(1)  
**Moretti, Stefano and Kosuke Odagiri** — Single-top-quark production at future  $ep$  colliders. D 57, 3040(1)  
 — and Kosuke Odagiri — Charged Higgs scalar production in the single-top-quark mode (and others) at future  $ep$  colliders in the minimal supersymmetric standard model. D 57, 5773(1)  
**Moretti, V.** — (see Klemm, D.) D 57, 6127(15)  
**Mori, S.** — (see Miura, M.) D 57, 5345(1)  
**Morii, T., D. Roy, K. Sudoh, Zuxun Sun, S. Tanaka, and T. Yamanishi** —  $\psi'$  production as a test of color-octet mechanism. D 57, 4487(BR)(1)  
**Morikawa, M.** — (see Itoh, Y.) D 57, R4516(15)  
**Morita, Masaaki, Kouji Nakamura, and Masumi Kasai** — Relativistic Zel'dovich approximation in a spherically symmetric model. D 57, 6094(15)  
**Morita, Y.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Morningstar, Colin J. and J. Shigemitsu** — One-loop matching of lattice and continuum heavy-light axial vector currents using NRQCD. D 57, 6741(1)  
**Moroi, Takeo** — (see Feng, Jonathan L.) D 57, 5875(1)  
**Morrison, R. J.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Moschella, Ugo and Richard Schaeffer** — Quantum fluctuations in the open universe. D 57, 2147(15)  
**Mostepanenko, V. M.** — (see Bordag, M.) D 57, 2024(E)(1)  
**Mouëllic, B.** — (see Evangelista, C.) D 57, 5370(1)  
**Moulding, S.** — (see Abe, F.) D 57, 1359(1)  
**Mountain, R.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)

- (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Mourão, Ana M.** — (see Pulido, João) D 57, 1794(1)  
 — (see Pulido, João) D 57, 032006(1)  
**Mrenna, S.** — (see Balázs, C.) D 57, 6934(1)  
**Mudan, M.** — (see Abachi, S.) D 57, 589(BR)(1)  
**Mueller, J.** — (see Abe, F.) D 57, 1359(1)  
**Mukherjee, A.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Mukherji, S.** — (see Lü, H.) D 57, 2219(15)  
**Mukhopadhyaya, Biswarup and Sourov Roy** — Filtering out signals of gauge-mediated supersymmetry breaking: Can we always eliminate conventional supersymmetric effects? D 57, 6793(1)  
 — (see Ghosal, Ambar) D 57, 1972(1)  
**Mukohyama, Shinji** — Excitation of a Kaluza-Klein mode by parametric resonance. D 57, 6191(15)  
**Mulders, P. J.** — (see Boer, D.) D 57, 3057(1)  
 — (see Boer, D.) D 57, 5780(1)  
**Muller, T.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Munger, C. T.** — (see Blanford, G.) D 57, 6649(1)  
**Muñoz, Carlos** — (see Choi, Kiwoon) D 57, 7521(15)  
**Muñoz-Tapia, R.** — (see Masip, M.) D 57, R5340(1)  
**Murakami, Koichi** — (see Ezawa, Kiyoshi) D 57, 5118(15)  
**Murakowski, Janusz A.** —  $Z \rightarrow c\bar{c}, b\bar{b}$  decays and the aspon model. D 57, 3175(BR)(1)  
**Murat, P.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Murayama, Hitoshi** — (see Arkani-Hamed, Nima) D 57, 6638(1)  
 — (see de Gouvêa, André) D 57, 5676(1)  
 — (see Feng, Jonathan L.) D 57, 5875(1)  
**Murgia, S.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Murphy, C.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Musatov, I. V., O. V. Teryaev, and A. Schäfer** — Elastic contribution to the Burkhardt-Cottingham and generalized Gerasimov-Drell-Hearn sum rules. D 57, 7041(BR)(1)  
**Musgrave, P.** — (see Abe, F.) D 57, 1359(1)  
**Myers, Robert C. and Vipul Periwal** — Flow of low energy couplings in the Wilson renormalization group. D 57, 2448(15)  
**Myung, Y. S.** — (see Lee, H. W.) D 57, 7361(15)
- Nagashima, Y.** — (see Miura, M.) D 57, 5345(1)  
**Nagy, Zoltán and Zoltán Trócsányi** — Four-jet angular distributions and color charge measurements: Leading order versus next-to-leading order. D 57, 5793(1)  
**Nakada, H.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Nakae, L. F.** — (see Abe, F.) D 57, 1359(1)  
**Nakagawa, Y.** — (see Miura, M.) D 57, 5345(1)  
**Nakamura, Kouji** — (see Morita, Masaaki) D 57, 6094(15)  
**Nakamura, T.** — (see Miura, M.) D 57, 5345(1)  
**Nakano, I.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
 — (see Abe, F.) D 57, 5382(1)  
 — (see Miura, M.) D 57, 5345(1)  
**Nakao, Ken-ichi** — (see Chiba, Takeshi) D 57, 6119(15)
- (see Iguchi, Hideo) D 57, 7262(15)  
**Nandi, K. K., B. Bhattacharjee, S. M. K. Alam, and J. Evans** — Brans-Dicke wormholes in the Jordan and Einstein frames. D 57, 823(15)  
**Nang, F.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Nanopoulos, D. V.** — (see Kim, Jaewan) D 57, 373(1)  
**Napier, A.** — (see Aitala, E. M.) D 57, 13(1)  
**Napsuciale, M.** — Inclusive  $J/\psi$  production in  $Y$  decay via color-octet mechanisms. D 57, 5711(1)  
**Narain, M.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Narasimham, V. S.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
 — (see Adarkar, H. R.) D 57, 2653(1)  
**Narayanan, A.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Narayanan, Rajamani** — (see Kikukawa, Yoshio) D 57, 1233(15)  
**Nardelli, G.** — (see Bassetto, A.) D 57, 2628(BR)(15)  
**Narita, Makoto** — (see Maeda, Kengo) D 57, 3503(15)  
**Narsky, I.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Nasriddinov, Kamil R. and Tamara A. Merkulova** — On the  $\tau \rightarrow VP \nu_\tau$  decays. D 57, 6860(1)  
**Nath, Pran** — (see Ibrahim, Tarek) D 57, 478(1)  
**Navelet, H.** — (see Bialas, A.) D 57, R6585(1)  
**Neal, H. A.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Negret, J. P.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Nelson, C.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Nelson, Charles A., Brian T. Kress, Marco Lopes, and Thomas P. McCauley** — Importance of tests for the complete Lorentz structure of the  $t \rightarrow W^+ b$  vertex at hadron colliders. D 57, 5923(BR)(1)  
**Nelson, H. N.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Nelson, T. K.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Nemati, B. et al. (CLEO Collaboration)** — Search for color-suppressed  $B$  hadronic decay processes at the  $Y(4S)$  resonance. D 57, 5363(1)  
 — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
**Nemethy, P.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Nemoto, Y., D. Jido, M. Oka, and A. Hosaka** — Decays of  $\frac{1}{2}^-$  baryons in chiral effective theory. D 57, 4124(1)  
**Neronov, A. Yu.** — (see Berezin, V. A.) D 57, 1118(15)  
**Nešić, D.** — (see Abachi, S.) D 57, 589(BR)(1)

- Nesterenko, V. V. and I. G. Pirozhenko** — Simple method for calculating the Casimir energy for a sphere. D 57, 1284(15)
- Neuberger, D.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Neuberger, Herbert** — Vectorlike gauge theories with almost massless fermions on the lattice. D 57, 5417(1)  
 — (see Kikukawa, Yoshio) D 57, 1233(15)
- Neville, Donald E.** — Energy and directional signatures for plane quantized gravity waves. D 57, 986(15)
- Newman-Holmes, C.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Ng, C. R.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Ng, Y. J.** — (see Lee, D.-S.) D 57, 5224(15)
- Ngan, C.-Y. P.** — (see Abe, F.) D 57, 67(1)
- Ngan, C.-Y. P.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Nguyen, A.** — (see Aitala, E. M.) D 57, 13(1)
- Nguyen, K.** — (see Dilkes, F. A.) D 57, 1159(15)
- Ni, H. L.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)
- Nicasio, Carlos O.** — (see Gleiser, Reinaldo J.) D 57, 3401(15)
- Nichitiu, F.** — (see Bertin, A.) D 57, 55(1)
- Nicholson, David and Alberto Vecchio** — Bayesian bounds on parameter estimation accuracy for compact coalescing binary gravitational wave signals. D 57, 4588(15)
- Nicola, M.** — (see Abachi, S.) D 57, 589(BR)(1)
- Nie, J.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Nié-gawa, A.** — Finite-temperature reaction-rate formula: Finite-volume system, detailed balance,  $T \rightarrow 0$  limit, and cutting rules. D 57, 1379(1)
- Nielsen, H. B.** — (see Bennett, D. L.) D 57, 1167(15)
- Niermann, S.** — (see Godina, J. J.) D 57, 6326(15)
- Nierste, Ulrich** — (see Keum, Yong-Yeon) D 57, 4282(1)
- Nieves, J.** — (see Bowler, K. C.) D 57, 6948(1)
- Nieves, José F.** — (see D'Olivo, Juan Carlos) D 57, 3116(1)
- Nikitin, N.** — (see Melikhov, D.) D 57, 6814(1)
- Ninomiya, M.** — (see Abe, F.) D 57, 67(1)
- Nir, Yosef** — (see Falk, Adam F.) D 57, 4290(1)
- Nishigaki, Shinsuke M.** — (see Damgaard, Poul H.) D 57, 5299(BR)(15)
- Nishiura, H.** — (see Fukuyama, T.) D 57, 5844(1)
- Nodulman, L.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Nogales, José A. C. and Anzhong Wang** — Instability of cosmological event horizons of nonstatic global cosmic strings. II. Perturbations of gravitational waves and massless scalar fields. D 57, 6089(15)
- Noh, Hyerim** — (see Hwang, Jai-chan) D 57, 2617(BR)(15)
- Nojiri, Mihoko M., Damien M. Pierce, and Youichi Yamada** — Slepton production as a probe of the squark mass scale. D 57, 1539(1)
- Nojiri, Shin'ichi and Sergei D. Odintsov** — Trace-anomaly-induced effective action for 2D and 4D dilaton coupled scalars. D 57, 2363(15)  
 — and Sergei D. Odintsov — Trace anomaly induced effective action and 2D black holes for dilaton coupled supersymmetric theories. D 57, 4847(15)
- Nolte, Detlef R.** — (see Grinstein, Benjamín) D 57, 6471(15)
- Nordberg, E.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Norman, D.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Novaes, S. F.** — (see Gonzalez-Garcia, M. C.) D 57, 7045(BR)(1)
- Novak, Jérôme** — Spherical neutron star collapse toward a black hole in a tensor-scalar theory of gravity. D 57, 4789(15)
- Nozawa, Kenji** — (see Yabu, Hiroyuki) D 57, 1687(1)
- Nunokawa, Hiroshi** — (see Minakata, Hisakazu) D 57, 4403(1)
- Nussinov, S.** — (see Mohapatra, R. N.) D 57, 1940(1)
- Nussinov, Shmuel** — Remarks on glueballinos ( $R^0$  particles) and  $R^0$  searches. D 57, 7006(1)
- Oakes, Robert J., K. Whisnant, Jin Min Yang, Bing-Lin Young, and X. Zhang** — Single top quark production as a probe of  $R$ -parity-violating supersymmetry at  $pp$  and  $p\bar{p}$  colliders. D 57, 534(1)  
 — (see Li, Chong Sheng) D 57, 2009(BR)(1)
- (The OBELIX Collaboration)** — (see Bertin, A.) D 57, 55(1)
- Obregón, O. and C. Ramirez** — Dirac-like formulation of quantum supersymmetric cosmology. D 57, 1015(15)  
 — (see García-Compeán, H.) D 57, 7501(15)
- O'Connell, H. B.** — (see Gardner, S.) D 57, 2716(1)
- Oda, Ichiro** — Quantum gravity near the apparent horizon and two-dimensional dilaton gravity. D 57, 2415(15)
- Odagiri, Kosuke** — (see Moretti, Stefano) D 57, 3040(1)  
 — (see Moretti, Stefano) D 57, 5773(1)
- Odaka, S.** — (see Miura, M.) D 57, 5345(1)
- Odintsov, Sergei D.** — (see Nojiri, Shin'ichi) D 57, 2363(15)  
 — (see Nojiri, Shin'ichi) D 57, 4847(15)
- Oelert, W.** — (see Evangelista, C.) D 57, 5370(1)
- Oesch, L.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Oganesian, A. G.** — (see Ioffe, B. L.) D 57, R6590(1)
- Ogawa, K.** — (see Miura, M.) D 57, 5345(1)
- Ogawa, S.** — (see Abe, F.) D 57, 1359(1)
- Ogg, M.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Ogilvie, Michael C.** — (see Mandula, Jeffrey E.) D 57, 1397(1)
- O'Grady, C.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Ogure, Kenzo and Joe Sato** — Critical exponents and critical amplitude ratio of the scalar model from finite-temperature field theory. D 57, 7460(15)
- Oguri, V.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Oh, S. H.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Oh, Sechul** — (see Deshpande, N. G.) D 57, 5723(1)
- Ohama, T.** — (see Miura, M.) D 57, 5345(1)
- Ohashi, Akira** — (see Owen, Benjamin J.) D 57, 6168(15)
- Ohl, K. E.** — (see Abe, F.) D 57, 67(1)

- (see Abe, F.) D 57, 1359(1)
- Ohlsson, S.** — (see Evangelista, C.) D 57, 5370(1)
- Ohlsson, Tommy** — (see Linde, Johan) D 57, 452(1)
- (see Linde, Johan) D 57, 5916(BR)(1)
- Ohmoto, T.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Ohnemus, J.** — (see Baur, U.) D 57, 2823(1)
- Ohsugi, T.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- (see Miura, M.) D 57, 5345(1)
- Ohta, Nobuyoshi, Takashi Shimizu, and Jian-Ge Zhou** — Creation of fundamental string in  $M$ (atrix) theory. D 57, R2040(15)
- Ohyama, H.** — (see Miura, M.) D 57, 5345(1)
- Oishi, R.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Oitmaa, J.** — (see Hamer, C. J.) D 57, 2523(15)
- Oka, M.** — (see Nemoto, Y.) D 57, 4124(1)
- Okabe, K.** — (see Miura, M.) D 57, 5345(1)
- Okabe, M.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Okamoto, A.** — (see Miura, M.) D 57, 5345(1)
- Okano, K., L. Schülke, and B. Zheng** — Dynamic  $SU(2)$  lattice gauge theory at finite temperature. D 57, 1411(1)
- Okawa, M.** — (see Aoki, S.) D 57, 3910(1)
- Oktay, M. B.** — (see Godina, J. J.) D 57, 6326(15)
- (see Godina, J. J.) D 57, R6581(1)
- Okusawa, T.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Oleaga, Gerardo** — (see Pernice, Sergio A.) D 57, 1144(15)
- Olejnik, S.** — (see Faber, M.) D 57, 2603(15)
- Olinto, Angela V.** — (see Jedamzik, Karsten) D 57, 3264(15)
- Olive, Keith A.** — (see Kaloper, Nemanja) D 57, 811(15)
- (see Kaloper, Nemanja) D 57, 7340(15)
- Oliveira, O.** — (see Bowler, K. C.) D 57, 6948(1)
- Oliveira, R.** — (see Abe, F.) D 57, 67(1)
- Onness, Fredrick I. and Randall J. Scalise** — Heavy quark parton distributions: Mass-dependent or mass-independent evolution? D 57, 241(1)
- Olsen, J.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Olsen, S. L.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Bai, J. Z.) D 57, 3854(1)
- Olman, E.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Olum, Ken D.** — Entropy of very low energy localized states. D 57, 2486(15)
- Ó Murchadha, N.** — (see Beig, R.) D 57, 4728(15)
- O'Neill, J. J.** — (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)
- (see Bonvicini, G.) D 57, 6604(1)
- (see Gronberg, J.) D 57, 33(1)
- (see Nemati, B.) D 57, 5363(1)
- Onishchenko, A. I.** — (see Berezhnoy, A. V.) D 57, 4385(1)
- Ono, A.** — (see Miura, M.) D 57, 5345(1)
- Ori, Amos** — Transmission and reflection coefficients for a scalar field inside a charged black hole. D 57, 2621(BR)(15)
- Null weak singularities in plane-symmetric space-times. D 57, 4745(15)
- (see Burko, Lior M.) D 57, R7084(15)
- Orito, S.** — (see Maki, K.) D 57, 554(1)
- Ortega, J. A.** — (see Coccia, E.) D 57, 2051(15)
- Ortolan, A.** — (see Crivelli-Visconti, V.) D 57, 2045(15)
- Osborne, Jonathan** — (see Ji, Xiangdong) D 57, R1337(1)
- O'Shaughnessy, K.** — (see Aitala, E. M.) D 57, 13(1)
- Oshima, N.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Ouared, R.** — (see Abele, A.) D 57, 3860(1)
- Ould-Saada, F.** — (see Abele, A.) D 57, 3860(1)
- Ovrut, Burt A.** — (see Lukas, André) D 57, 7529(15)
- Owen, Benjamin J., Hideyuki Tagoshi, and Akira Ohashi** — Nonprecessional spin-orbit effects on gravitational waves from inspiraling compact binaries to second post-Newtonian order. D 57, 6168(15)
- Owen, D.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Owens, J. F.** — (see Harris, B. W.) D 57, 5555(1)
- Oyama, Yuichi** — Examination of neutrino oscillations using high-energy atmospheric neutrino data from Kamiokande. D 57, R6594(1)
- Oyang, J.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Bai, J. Z.) D 57, 3854(1)
- Paar, H. P.** — (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)
- (see Bonvicini, G.) D 57, 6604(1)
- (see Gronberg, J.) D 57, 33(1)
- (see Nemati, B.) D 57, 5363(1)
- Padley, P.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Padmanabhan, T.** — Hypothesis of path integral duality. I. Quantum gravitational corrections to the propagator. D 57, 6206(15)
- (see Gupta, Abhinav) D 57, 7241(15)
- Page, Philip R.** — (see Afanasev, Andrei) D 57, 6771(1)
- (see Close, Frank E.) D 57, 5653(1)
- Pagliarone, C.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Pak, N. K.** — (see Demir, D. A.) D 57, 6609(1)
- Pakvasa, S.** — (see Browder, T. E.) D 57, 6829(1)
- (see Drees, M.) D 57, R5335(1)
- Pakvasa, Sandip** — (see Flanagan, John W.) D 57, R2649(1)
- Palano, A.** — (see Evangelista, C.) D 57, 5370(1)
- Palla, L.** — (see Balázs, L. K.) D 57, 3585(15)
- Palmer, M.** — (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)
- (see Bonvicini, G.) D 57, 6604(1)
- (see Gronberg, J.) D 57, 33(1)
- (see Nemati, B.) D 57, 5363(1)
- Paluselli, D.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Bai, J. Z.) D 57, 3854(1)
- Pan, L. J.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Bai, J. Z.) D 57, 3854(1)
- Panagiotakopoulos, C.** — (see Dedes, A.) D 57, 5493(1)
- Panetta, J.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Bai, J. Z.) D 57, 3854(1)
- Pang, Alex** — (see Brodsky, Stanley J.) D 57, 245(1)
- Pang, M.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)

- Panzieri, D.** — (see Bertin, A.) D 57, 55(1)
- Paoletti, R.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Papadamou, D. T.** — (see Gounaris, G. J.) D 57, 6752(1)
- Papadimitriou, V.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Pappas, S. P.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Para, A.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Paranavitane, C. B.** — (see Ma, J. P.) D 57, 606(BR)(1)
- Parashar, N.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Parentani, R.** — (see Gabriel, Cl.) D 57, 6496(15)
- Parida, M. K.** — Vanishing corrections on an intermediate scale and implications for unification of forces. D 57, 2736(1)
- Park, Byung-Yoon** — (see Kim, Joon-Il) D 57, 2853(1)
- Park, Chanyong and Sang-Jin Sin** —  $p$ -brane cosmology and phases of Brans-Dicke theory with matter. D 57, 4620(15)
- Park, Dahl** — (see Kiem, Youngjai) D 57, 2381(15)
- Park, H.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Park, S.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)
- Park, Y. M.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Parker, Leonard and Alpan Raval** — Relation between Einstein and quantum field equations. D 57, 7327(15)
- Parri, A.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Partridge, R.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Parua, N.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Passaggio, S.** — (see Evangelista, C.) D 57, 5370(1)
- Patel, P. M.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Paterno, M.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Patrascioiu, Adrian and Erhard Seiler** — Questionable arguments for the correctness of perturbation theory in non-Abelian models. D 57, 1394(1)
- Patrick, J.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Patterson, J. R.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)
- (see Nemati, B.) D 57, 5363(1)
- Patton, S.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Pätzold, Carsten** — (see Baacke, Jürgen) D 57, 6398(15)  
 — (see Baacke, Jürgen) D 57, 6406(15)
- Pauletta, G.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Pauli, G.** — (see Bertin, A.) D 57, 55(1)
- Paulini, M.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Pavel, H.-P.** — (see Gogilidze, S. A.) D 57, 7488(15)
- Pavón, Diego** — (see Zimdahl, Winfried) D 57, 7607(BR)(15)
- Pawlik, B.** — (see Abbott, B.) D 57, R3817(1)
- Pawlowski, J. M.** — Gauss law operator algebra and double commutators in chiral gauge theories. D 57, 1193(15)
- Peigné, Stéphane** — (see Hoyer, Paul) D 57, 1864(1)
- Peltoniemi, Juha T.** — Radiative corrections to neutrino-Majoron couplings. D 57, 5509(1)
- Peng, K. C.** — (see Aitala, E. M.) D 57, 13(1)
- Pennanen, J.** — (see Miura, M.) D 57, 5345(1)
- Pennington, M. R.** — (see Bashir, A.) D 57, 1242(15)
- Pepin, S. and Fl. Stancu** — Heavy hexaquarks in a chiral constituent quark model. D 57, 4475(BR)(1)  
 — (see Stancu, Fl.) D 57, 4393(1)
- Perazzo, A.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Perera, L. P.** — (see Aitala, E. M.) D 57, 13(1)  
 — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Perez Bergliaffa, Santiago E.** — (see Anchordoqui, Luis A.) D 57, 829(15)
- Periwal, Vipul** — Consistency of Wilsonian effective actions. D 57, 6551(BR)(15)  
 — (see Myers, Robert C.) D 57, 2448(15)
- Perjés, Z.** — (see Gergely, L.) D 57, 3423(15)
- Perjés, Zoltán I.** — (see Gergely, László Á.) D 57, 876(15)
- Perkins, J.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Perl, M. L.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Perl, Martin L.** — New method for searching for massive, stable, charged elementary particles. D 57, 4441(1)
- Perlt, H.** — (see Gockeler, M.) D 57, 5562(1)
- Pernice, Sergio A. and Gerardo Oleaga** — Divergence of perturbation theory: Steps towards a convergent series. D 57, 1144(15)
- Perreau, J.-M.** — (see Evangelista, C.) D 57, 5370(1)
- Pescara, L.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)

- Peschanski, R.** — (see Bialas, A.) D 57, R6585(1)  
 — (see Bialas, A.) D 57, 6899(1)
- Peter, M. and Y. Sumino** — Final-state interactions in  $e^+e^- \rightarrow t\bar{t} \rightarrow bl^+ \nu b W^-$  near the top quark threshold. D 57, 6912(1)
- Peter, Patrick** — (see Gangui, Alejandro) D 57, 2580(15)
- Peters, K.** — (see Abele, A.) D 57, 3860(1)
- Peters, M.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Peters, M. D.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Peterson, D.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemat, B.) D 57, 5363(1)
- Petitgirard, E.** — (see Carrington, M. E.) D 57, 2631(BR)(15)
- Petrascu, C.** — (see Bertin, A.) D 57, 55(1)
- Petrov, Alexey A.** — (see Falk, Adam F.) D 57, 4290(1)
- Petrov, K. V.** — (see Averchenkova, L. A.) D 57, 112(1)
- Petrov, V. K.** — (see Averchenkova, L. A.) D 57, 112(1)
- Petrov, V. Yu., P. V. Pobylitsa, M. V. Polyakov, I. Börnig, K. Goeke, and C. Weiss** — Off-forward quark distributions of the nucleon in the large- $N_c$  limit. D 57, 4325(1)
- Petryk, R.** — (see Kunstatte, G.) D 57, 3537(15)
- Pettini, G.** — (see Modugno, M.) D 57, 4995(15)
- Pfennig, Michael J. and L. H. Ford** — Scalar field quantum inequalities in static spacetimes. D 57, 3489(15)  
 — (see Ford, L. H.) D 57, 4839(15)
- Phillips, T. J.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Pia, M. G.** — (see Evangelista, C.) D 57, 5370(1)
- Piacentino, G.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Piccinini, M.** — (see Bertin, A.) D 57, 55(1)
- Pick, B.** — (see Abele, A.) D 57, 3860(1)
- Piegaia, R.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Piekarz, H.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Pierce, Damien M.** — (see Nijiri, Mihoko M.) D 57, 1539(1)
- Pierpaoli, Elena, Stefano Boggiani, Antonio Masiero, and Masahiro Yamaguchi** — Formation of cosmic structures in a light gravitino-dominated universe. D 57, 2089(15)
- Pierre, John M.** — Interactions of eight-branes in string theory and  $M$ (atrix) theory. D 57, 1250(15)
- Pietra, C.** — (see Abele, A.) D 57, 3860(1)
- Pigli, Mircea** — (see Feigenbaum, James A.) D 57, 4738(15)
- Pilaftsis, A.** — (see Diener, K.-P. O.) D 57, 2771(1)
- Pillai, M.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Pinder, C. N.** — (see Abele, A.) D 57, 3860(1)
- Pinn, Klaus and Stefano Vinti** — Block spin effective action for 4D  $SU(2)$  finite temperature lattice gauge theory. D 57, 3923(1)
- Pinto-Neto, Nelson** — (see Colistete, Roberto, Jr.) D 57, 4707(15)
- Pirjol, Dan and Tung-Mow Yan** —  $1/N_c$  expansion for excited baryons. D 57, 1449(1)  
 — and Tung-Mow Yan — Excited baryon phenomenology from large- $N_c$  QCD. D 57, 5434(1)
- Pirner, H. J.** — (see Dosch, H. G.) D 57, 1666(1)
- Pirozhenko, I. G.** — (see Nesterenko, V. V.) D 57, 1284(15)
- Pisano, F. and S. Shelly Sharma** — Majoron emitting neutrinoless double beta decay in the electroweak chiral gauge extensions. D 57, 5670(1)
- Pisanti, O.** — (see Falcone, D.) D 57, 195(1)
- Pisarski, Robert D.** — (see Boyanovsky, Daniel) D 57, 3653(15)
- Pischalnikov, Y.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Pitts, K. T.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Pivovarov, Grigori B.** — (see Kim, Victor T.) D 57, R1341(1)
- Plebański, J. F.** — (see García-Compeán, H.) D 57, 7501(15)
- Plunkett, R.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Pobylitsa, P. V.** — (see Petrov, V. Yu.) D 57, 4325(1)
- Podstavkov, V. M.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Poisson, Eric** — Gravitational waves from inspiraling compact binaries: The quadrupole-moment term. D 57, 5287(BR)(15)
- Polchinski, Joseph** — (see Horowitz, Gary T.) D 57, 2557(15)
- Poli, M.** — (see Bertin, A.) D 57, 55(1)
- Poling, R.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemat, B.) D 57, 5363(1)
- Polonsky, Nir** — (see Cheng, Hsin-Chia) D 57, 152(1)
- Polyakov, Dimitri** — Ghost number cohomologies and  $M$ -theory quantum states. D 57, 2564(15)
- Polyakov, M. V. and C. Weiss** — Estimates of higher-dimensional vacuum condensates from the instanton vacuum. D 57, 4471(BR)(1)  
 — (see Petrov, V. Yu.) D 57, 4325(1)
- Polyakov, Maxim V.** — (see Kim, Hyun-Chul) D 57, 299(1)
- Pomarol, A.** — (see Masip, M.) D 57, R5340(1)
- Pomianowski, P.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemat, B.) D 57, 5363(1)
- Pomp, S.** — (see Evangelista, C.) D 57, 5370(1)
- Pondrom, L.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Pontón, Eduardo** — (see Luty, Markus A.) D 57, 4167(1)
- Pope, B. G.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Pope, C. N.** — (see Lü, H.) D 57, 2219(15)
- Porter, F.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Porto, C. M.** — (see Coutinho, Y. A.) D 57, 6975(1)
- Poulose, P. and Saurabh D. Rindani** — Electric dipole moment of the top quark and  $CP$ -violating asymmetries in  $\gamma\gamma \rightarrow t\bar{t}$ . D 57, 5444(1)
- Pozzo, A.** — (see Evangelista, C.) D 57, 5370(1)
- Prabhakar, E.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)
- Prakhov, S. N.** — (see Bertin, A.) D 57, 55(1)
- Praszałowicz, Michał** — (see Kim, Hyun-Chul) D 57, 299(1)  
 — (see Kim, Hyun-Chul) D 57, 2859(1)
- Prell, S.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)

- (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Prescott, C.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Pretorius, F., D. Vollick, and W. Israel** — An operational approach to black hole entropy. D 57, 6311(15)  
**Price, Richard H.** — (see Gleiser, Reinaldo J.) D 57, 3401(15)  
 — (see Lousto, Carlos O.) D 57, 1073(15)  
**Prodi, G. A.** — (see Crivelli-Visconti, V.) D 57, 2045(15)  
**Produit, N.** — (see Abe, F.) D 57, 1359(1)  
**Prokopec, Tomislav** — (see Joyce, Michael) D 57, 6022(15)  
**Prosper, H. B.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Protopopescu, S.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Proudfoot, J.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Ptohos, F.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Puddu, G.** — (see Bertin, A.) D 57, 55(1)  
**Pukhov, A.** — (see Boos, E.) D 57, 1553(1)  
**Pulido, João** — Possible tomography of the Sun's magnetic field with solar neutrinos. D 57, 7108(15)  
 — **and Ana M. Mourão** — Neutrino magnetic moment upper bound from solar neutrino observations. D 57, 1794(1)  
 — **and Ana M. Mourão** — Neutrino magnetic moment upper bound from solar neutrino observations. D 57, 032006(1)  
**Pullin, Jorge** — (see Gleiser, Reinaldo J.) D 57, 3401(15)  
**Pumplin, Jon** — Hard underlying event correction to inclusive jet cross sections. D 57, 5787(1)  
 — (see Amundson, James) D 57, 527(1)  
**Punzi, G.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Purohit, M. V.** — (see Aitala, E. M.) D 57, 13(1)  
**Pušeljčić, D.** — (see Abachi, S.) D 57, 589(BR)(1)
- Qi, N. D.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Qi, X. R.** — (see Bai, J. Z.) D 57, 3854(1)  
**Qian, C. D.** — (see Bai, J. Z.) D 57, 3854(1)  
**Qian, J.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Qiao, C.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Qiao, Cong-Feng** — (see Chang, Chao-Hsi) D 57, 4035(1)  
 — (see Li, Chong-Sheng) D 57, 6928(1)  
 — (see Yuan, Feng) D 57, 610(BR)(1)  
**Qiu, J. F.** — (see Bai, J. Z.) D 57, 3854(1)  
**Qu, Y. H.** — (see Bai, J. Z.) D 57, 3854(1)  
**Que, X. K.** — (see Bai, J. Z.) D 57, 3187(E)(1)  
**Que, Y. K.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Queiroz Filho, P. P.** — (see Coutinho, Y. A.) D 57, 6975(1)
- Quigley, J.** — (see Bai, J. Z.) D 57, 3187(E)(1)  
**Quinn, B.** — (see Aitala, E. M.) D 57, 13(1)  
**Quintas, P. Z.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Rączka, P. A.** — Renormalization scheme dependence and the problem of the determination of  $\alpha_s$  and the condensates from semileptonic  $\tau$  decays. D 57, 6862(1)  
**Radeztsky, S.** — (see Aitala, E. M.) D 57, 13(1)  
**Radyushkin, Anatoly** — (see Szczepaniak, Adam) D 57, 2813(1)  
**Rafatian, A.** — (see Aitala, E. M.) D 57, 13(1)  
**Raffelt, Georg** — (see Kopf, Alexander) D 57, 3235(15)  
**Ragan, K.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Rahmfeld, J.** — (see Kallosh, Renata) D 57, 1063(15)  
**Raidal, Martti** — Lower bounds on bilepton processes at  $e^-e^-$  and  $\mu^-\mu^-$  colliders. D 57, 2013(1)  
**Raja, R.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Rajagopalan, S.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Rajaraman, A.** — (see Kallosh, R.) D 57, 6452(15)  
**Rakow, P.** — (see Gökeler, M.) D 57, 5562(1)  
**Ramallo, A. J.** — (see Walsh, R.) D 57, 5908(BR)(1)  
**Ramirez, C.** — (see Garcia-Compeán, H.) D 57, 7501(15)  
 — (see Obregón, O.) D 57, 1015(15)  
**Ramirez, O.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Ramos, Rudnei O.** — (see de Oliveira, H. P.) D 57, 741(15)  
**Ramsey, S. A. and B. L. Hu** — Erratum: Nonequilibrium inflaton dynamics and reheating: Back reaction of parametric particle creation and curved spacetime effects [Phys. Rev. D 56, 678 (1997)]. D 57, 3798(E)(15)  
 — **, B. L. Hu, and A. M. Stylianopoulos** — Nonequilibrium inflaton dynamics and reheating. II. Fermion production, noise, and stochasticity. D 57, 6003(15)  
**Randall, Lisa** — (see Csáki, Csaba) D 57, 383(1)  
**Ranft, J.** — (see Roesler, S.) D 57, 2889(1)  
**Rangarajan, Raghavan** — (see Kim, Jaewan) D 57, 373(1)  
**Rank, J.** — (see Heller, U. M.) D 57, 1438(1)  
**Rankin, P.** — (see Ammar, R.) D 57, 1350(1)  
**Rapidis, P. A.** — (see Abachi, S.) D 57, 589(BR)(1)  
**Rasín, Andrija** — Large top quark Yukawa coupling and horizontal symmetries. D 57, 3977(1)  
**Rasmussen, L.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Ratajczak, M.** — (see Abele, A.) D 57, 3860(1)  
**Raval, Alpan** — (see Koks, Don) D 57, 1317(E)(15)  
 — (see Parker, Leonard) D 57, 7327(15)  
**Ravindran, V.** — (see Joshupura, Anjan S.) D 57, R5327(1)  
**Raychaudhuri, Amitava** — (see Bhattacharyya, Gautam) D 57, R3837(1)  
 — (see Datta, Anindya) D 57, 2940(1)  
**Reay, N. W.** — (see Aitala, E. M.) D 57, 13(1)  
**Rebouças, M. J.** — (see Bernui, A.) D 57, 4699(15)  
**Reenders, M.** — (see Gusynin, V. P.) D 57, 6356(15)  
**Regenfus, C.** — (see Abele, A.) D 57, 3860(1)  
**Reher, D.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Reidy, J. J.** — (see Aitala, E. M.) D 57, 13(1)  
**Reimer, P. E.** — (see Evangelista, C.) D 57, 5370(1)  
**Reina, L.** — (see Dawson, S.) D 57, 5851(1)  
**Reischl, M.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Renard, F. M.** — (see Chivukula, R. S.) D 57, 2760(1)  
 — (see Gounaris, G. J.) D 57, 6752(1)

- Renaud, J.** — (see De Bièvre, S.) D 57, 6230<sup>(15)</sup>
- Repko, Wayne W.** — (see Abbasabadi, Ali) D 57, 550<sup>(1)</sup>  
 — (see Dicus, Duane A.) D 57, 2443<sup>(15)</sup>  
 — (see Liao, Yi) D 57, 6998<sup>(1)</sup>
- Repo, Pasi** — (see Mäkelä, Jarmo) D 57, 4899<sup>(15)</sup>
- Resag, S.** — (see Abele, A.) D 57, 3860<sup>(1)</sup>
- Reucroft, S.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Reuter, M.** — Nonperturbative evolution equation for quantum gravity.  
 D 57, 971<sup>(15)</sup>
- Reznik, B.** — Unruh effect with back reaction—A first-quantized  
 treatment. D 57, 2403<sup>(15)</sup>
- Rezzolla, L., A. M. Abrahams, T. W. Baumgarte, G. B. Cook, M. A.  
 Scheel, S. L. Shapiro, and S. A. Teukolsky** — Waveform  
 propagation in black hole spacetimes: Evaluating the quality of  
 numerical solutions. D 57, 1084<sup>(15)</sup>
- Ribon, A.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Richards, D. G.** — (see Bowler, K. C.) D 57, 6948<sup>(1)</sup>
- Richichi, S. J.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Richman, J. D.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Richter, O.** — (see Klein, C.) D 57, 857<sup>(15)</sup>
- Riehle, T.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Rijssenbeek, M.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Riley, D.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Rimondi, F.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Rindani, Saurabh D.** — (see Poullose, P.) D 57, 5444<sup>(1)</sup>
- Ristori, L.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Ritter, J.** — (see Evangelista, C.) D 57, 5370<sup>(1)</sup>
- Rius, Nuria** — (see Covi, Laura) D 57, 93<sup>(1)</sup>
- Rizos, J.** — (see Kanti, P.) D 57, 6255<sup>(15)</sup>
- Roach-Bellino, M.** — (see Abe, F.) D 57, 1359<sup>(1)</sup>
- Roberts, D.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Roberts, David** — (see Lyth, David H.) D 57, 7120<sup>(15)</sup>
- Roberts, R. G.** — (see Thorne, R. S.) D 57, 6871<sup>(1)</sup>
- Roberts, S.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Roberts, W. and B. Silvestre-Brac** — Meson decays in a quark model.  
 D 57, 1694<sup>(1)</sup>  
 — (see Capstick, Simon) D 57, 4301<sup>(1)</sup>
- Robertson, David G.** — (see Brodsky, Stanley J.) D 57, 245<sup>(1)</sup>
- Robertson, W. J.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Robutti, E.** — (see Evangelista, C.) D 57, 5370<sup>(1)</sup>
- Rockwell, T.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Rodrigo, T.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Rodriguez, J. L.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Roe, N. A.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Roesler, S., R. Engel, and J. Ranft** — Photoproduction off nuclei:  
 Particle and jet production. D 57, 2889<sup>(1)</sup>
- Roethel, W.** — (see Abele, A.) D 57, 3860<sup>(1)</sup>
- Rogatko, Marek** — (see Moderski, Rafał) D 57, 3449<sup>(15)</sup>
- Röhrich, K.** — (see Evangelista, C.) D 57, 5370<sup>(1)</sup>
- Rolli, S.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Roman, Thomas A.** — (see Ford, L. H.) D 57, 4839<sup>(15)</sup>
- Romano, J.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>
- Rong, G.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187<sup>(E)(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>
- Rook, M.** — (see Evangelista, C.) D 57, 5370<sup>(1)</sup>
- Rosa, L.** — (see Falcone, D.) D 57, 195<sup>(1)</sup>
- Rosado, A.** — (see Gutiérrez, A.) D 57, 4318<sup>(1)</sup>
- Rosca, A.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>
- Rosenberg, Seth** — Testing causality violation on spacetimes with  
 closed timelike curves. D 57, 3365<sup>(15)</sup>
- Rosenson, L.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Roser, R.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Rosner, Jonathan L.** — Improved tests of relations for baryon  
 isomultiplet splittings. D 57, 4310<sup>(1)</sup>  
 — (see Dighe, Amol S.) D 57, 1783<sup>(1)</sup>  
 — (see Gronau, Michael) D 57, 6843<sup>(1)</sup>
- Ross, Simon F.** — (see Horowitz, Gary T.) D 57, 1098<sup>(15)</sup>
- Ross, W. R.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>

- (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Rossetto, E.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>  
**Rossini, Gerardo L.** — (see Adam, Christoph) D 57, 4833<sup>(15)</sup>  
**Rössle, E.** — (see Evangelista, C.) D 57, 5370<sup>(1)</sup>  
**Rothstein, Ira Z.** — (see Grinstein, Benjamin) D 57, 78<sup>(1)</sup>  
**Rotondi, A.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>  
**Roulet, Esteban** — (see Covi, Laura) D 57, 93<sup>(1)</sup>  
**Rovelli, Carlo and Thomas Thiemann** — Immirzi parameter in quantum general relativity. D 57, 1009<sup>(15)</sup>  
**Roy, D.** — (see Morii, T.) D 57, 4487<sup>(BR)(1)</sup>  
**Roy, D. P.** — (see Barger, V.) D 57, R3833<sup>(1)</sup>  
 — (see Guchait, Monoranjan) D 57, 4453<sup>(1)</sup>  
**Roy, J.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Roy, Sourav** — (see Mukhopadhyaya, Biswarup) D 57, 6793<sup>(1)</sup>  
**Royon, Ch.** — (see Bialas, A.) D 57, 6899<sup>(1)</sup>  
**Rozenberg, Alexander** — (see Schaden, Martin) D 57, 3670<sup>(15)</sup>  
**Rozhdestvensky, A. M.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>  
**Ruan, Tu-Nan** — (see Zhu, Jie-Jie) D 57, 5468<sup>(1)</sup>  
**Rubin, H. A.** — (see Aitala, E. M.) D 57, 13<sup>(1)</sup>  
**Rubinov, P.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Ruchti, R.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Rueter, Michael and H. G. Dosch** — Diffractive color-dipole nucleon scattering. D 57, 4097<sup>(1)</sup>  
**Rusetsky, A. G.** — (see Ivanov, M. A.) D 57, 5632<sup>(1)</sup>  
**Russell, Neil** — (see Bluhm, Robert) D 57, 3932<sup>(1)</sup>  
**Rutherford, J.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Ryd, A.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Ryskin, M. G.** — (see Martin, A. D.) D 57, 6692<sup>(1)</sup>
- Saab, T.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Saalfeld, A. and A. Schäfer** — Monte Carlo simulation of vector boson production in polarized proton collisions. D 57, 3017<sup>(1)</sup>  
**Sá Borges, J., J. Soares Barbosa, and M. D. Tonasse** — Two loops calculation in chiral perturbation theory and the unitarization program of current algebra. D 57, 4108<sup>(1)</sup>  
**Sachrajda, C. T.** — (see Bowler, K. C.) D 57, 6948<sup>(1)</sup>  
**Sadoff, A. J.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Saffin, P. M. and E. J. Copeland** — Electrically charged sphalerons. D 57, 5064<sup>(15)</sup>  
**Saino, A.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>  
**Sakamoto, H.** — (see Miura, M.) D 57, 5345<sup>(1)</sup>  
**Sakuda, M.** — (see Miura, M.) D 57, 5345<sup>(1)</sup>  
**Sakumoto, W. K.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
 — (see Baur, U.) D 57, 199<sup>(1)</sup>  
**Salehi, H.** — (see Ghafarnejad, H.) D 57, 5311<sup>(E)(15)</sup>  
**Salgado, J.** — (see Boyanovsky, D.) D 57, 7388<sup>(15)</sup>  
**Saltzberg, D.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Salvini, P.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>  
**Samaddar, S. K.** — (see Uma Maheswari, V. S.) D 57, 3242<sup>(15)</sup>  
**Sampayo, O. A.** — (see de Florian, D.) D 57, 5803<sup>(1)</sup>  
**Samuel, M. A.** — (see Ellis, J.) D 57, 2665<sup>(1)</sup>  
**Sánchez-Hernández, A.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Sannino, Francesco and Joseph Schechter** — Toy model for breaking super gauge theories at the effective Lagrangian level. D 57, 170<sup>(1)</sup>  
**Sansoni, A.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Santha, A. K. S.** — (see Aitala, E. M.) D 57, 13<sup>(1)</sup>  
**Santi, L.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
 — (see Bertin, A.) D 57, 55<sup>(1)</sup>  
**Santorelli, P.** — (see Colangelo, P.) D 57, 3186<sup>(E)(1)</sup>  
**Santoro, A.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Santoro, A. F. S.** — (see Aitala, E. M.) D 57, 13<sup>(1)</sup>  
**Santroni, A.** — (see Evangelista, C.) D 57, 5370<sup>(1)</sup>  
**Sapozhnikov, M. G.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>  
**Sassot, R.** — (see de Florian, D.) D 57, 5803<sup>(1)</sup>  
**Sathyaprakash, B. S.** — (see Damour, Thibault) D 57, 885<sup>(15)</sup>  
**Sato, H.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Sato, Joe** — (see Ogure, Kenzo) D 57, 7460<sup>(15)</sup>  
**Sato, M.** — (see Miura, M.) D 57, 5345<sup>(1)</sup>  
**Sato, N.** — (see Miura, M.) D 57, 5345<sup>(1)</sup>  
**Savage, Martin J.** — (see Chen, Jiunn-Wei) D 57, 2837<sup>(1)</sup>  
 — (see Luke, Michael) D 57, 413<sup>(1)</sup>  
**Savinov, V.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Sawyer, L.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Scadron, M. D.** — Comments on compositeness in the SU(2) linear  $\sigma$  model. D 57, 5307<sup>(C)(15)</sup>  
**Scalise, Randall J.** — (see Olness, Fredrick I.) D 57, 241<sup>(1)</sup>  
**Scarpine, V.** — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
**Schaden, Martin and Alexander Rozenberg** — Confinement in covariant gauges. D 57, 3670<sup>(15)</sup>  
**Schaeffer, Richard** — (see Moschella, Ugo) D 57, 2147<sup>(15)</sup>  
**Schäfer, A.** — (see Martin, O.) D 57, 3084<sup>(1)</sup>  
 — (see Musatov, I. V.) D 57, 7041<sup>(BR)(1)</sup>  
 — (see Saalfeld, A.) D 57, 3017<sup>(1)</sup>  
**Schäfer, Gerhard** — (see Jaranowski, Piotr) D 57, R5948<sup>(15)</sup>  
 — (see Jaranowski, Piotr) D 57, 7274<sup>(15)</sup>  
**Schäfer, T.** — Instantons and the chiral phase transition at nonzero baryon density. D 57, 3950<sup>(1)</sup>  
**Schaffner-Bielich, Jürgen and Axel P. Vischer** — Charmlets. D 57, 4142<sup>(1)</sup>  
**Schamberger, R. D.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Schechter, Joseph** — (see Delphenich, David) D 57, 3962<sup>(1)</sup>  
 — (see Sannino, Francesco) D 57, 170<sup>(1)</sup>

- Scheck, Florian** — (see Häussling, Rainer) D 57, 6656<sup>(1)</sup>
- Scheel, M. A.** — (see Baumgarte, T. W.) D 57, 6181<sup>(15)</sup>  
 — (see Baumgarte, T. W.) D 57, 7299<sup>(15)</sup>  
 — (see Rezzolla, L.) D 57, 1084<sup>(15)</sup>
- Schellman, H.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Schernau, M.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187<sup>(E)(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>
- Schierholz, G.** — (see Göckeler, M.) D 57, 5562<sup>(1)</sup>
- Schiller, A.** — (see Ginzburg, I. F.) D 57, R6599<sup>(1)</sup>  
 — (see Göckeler, M.) D 57, 5562<sup>(1)</sup>
- Schilling, K.** — (see Eicker, N.) D 57, 4080<sup>(1)</sup>
- Schindler, A.** — (see Abe, F.) D 57, 1359<sup>(1)</sup>
- Schlabach, P.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Schmaltz, Martin and Raman Sundrum** —  $N=1$  field theory duality from  $M$  theory. D 57, 6455<sup>(15)</sup>  
 — (see Csáki, Csaba) D 57, 7546<sup>(15)</sup>
- Schmid, B.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187<sup>(E)(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>
- Schmidt, Carl** — (see Amundson, James) D 57, 527<sup>(1)</sup>
- Schmidt, Carl R.** — (see Del Duca, Vittorio) D 57, 4069<sup>(1)</sup>
- Schmidt, E. E.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Schmidt, M. P.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Schmidt, P.** — (see Abele, A.) D 57, 3860<sup>(1)</sup>
- Schmidtler, M.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Schmitt, H.** — (see Evangelista, C.) D 57, 5370<sup>(1)</sup>
- Schnapka, Erhard** — (see Feng, Jonathan L.) D 57, 5875<sup>(1)</sup>
- Schneider, O.** — (see Abe, F.) D 57, 1359<sup>(1)</sup>
- Schnittger, J.** — (see Balázs, L. K.) D 57, 3585<sup>(15)</sup>
- Schoonderwoerd, N. C. J. and B. L. G. Bakker** — Equivalence of renormalized covariant and light-front perturbation theory. I. Longitudinal divergences in the Yukawa model. D 57, 4965<sup>(15)</sup>
- Schrenk, S.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Schuh, S.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Schülke, L.** — (see Okano, K.) D 57, 1411<sup>(1)</sup>
- Schultz, J.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187<sup>(E)(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>  
 — (see Blanford, G.) D 57, 6649<sup>(1)</sup>
- Schunck, Franz E.** — (see Torres, Diego F.) D 57, 4821<sup>(15)</sup>
- Schutz, Bernard F.** — (see Brady, Patrick R.) D 57, 2101<sup>(15)</sup>
- Schwartz, A. J.** — (see Aitala, E. M.) D 57, 13<sup>(1)</sup>
- Schwarz, Dominik J.** — (see Martin, Jérôme) D 57, 3302<sup>(15)</sup>
- Sciaccia, G. F.** — (see Abe, F.) D 57, 1359<sup>(1)</sup>
- Scialom, David** — (see Byland, Samuel) D 57, 6065<sup>(15)</sup>
- Scoglio, C.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>
- Scott, A.** — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Scribano, A.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Scrimieri, E.** — (see Colangelo, P.) D 57, 3186<sup>(E)(1)</sup>
- Sculli, J.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Seckel, D.** — (see Agrawal, V.) D 57, 5480<sup>(1)</sup>
- Segler, S.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Seibert, R.** — (see Abele, A.) D 57, 3860<sup>(1)</sup>
- Seidel, Edward** — (see Camarda, Karen) D 57, R3204<sup>(15)</sup>
- Seidel, S.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Seiler, Erhard** — (see Patrascioiu, Adrian) D 57, 1394<sup>(1)</sup>
- Seiya, Y.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Selen, M.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Seljak, Uroš** — (see Hu, Wayne) D 57, 3290<sup>(15)</sup>
- Semenoff, G. W.** — (see Berruto, F.) D 57, 5070<sup>(15)</sup>
- Semeria, F.** — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Seminara, D.** — (see Deser, S.) D 57, 7444<sup>(15)</sup>
- Semprini Cesari, N.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>
- Sen, A. A. and N. Banerjee** — Local cosmic string in generalized scalar tensor theory. D 57, 6558<sup>(BR)(15)</sup>
- Sen, S.** — (see Banerjee, N.) D 57, 4614<sup>(15)</sup>
- Sengupta, Gautam** — (see Biswas, Anindya K.) D 57, 5141<sup>(15)</sup>
- Senjanović, Goran** — (see Aulakh, Charanjit S.) D 57, 4174<sup>(1)</sup>
- Serci, S.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>
- SESAM Collaboration** — (see Eicker, N.) D 57, 4080<sup>(1)</sup>
- Severini, H.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Sganos, G.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>
- Sgolacchia, A.** — (see Abe, F.) D 57, 1359<sup>(1)</sup>
- Shabalina, E.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Shaevitz, Michael** — (see Formaggio, Joseph A.) D 57, 7037<sup>(BR)(1)</sup>
- Shaffer, C.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Shah, T.** — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Shamir, Yigal** — The standard model from a new phase transition on the lattice. D 57, 132<sup>(1)</sup>
- Shanahan, H. P.** — (see Manke, T.) D 57, R3829<sup>(1)</sup>

- Shankar, H. C.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Shao, Y. Y.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Shaoshun, Wang and Wang Zhaomin** — Chaotic behavior of multiparticle production in  $pp$  collisions at 400 GeV/c. D 57, 3036(1)
- Shapiro, M.** — (see Abe, F.) D 57, 1359(1)
- Shapiro, M. D.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Shapiro, S. L.** — (see Baumgarte, T. W.) D 57, 6181(15)  
 — (see Baumgarte, T. W.) D 57, 7299(15)  
 — (see Rezzolla, L.) D 57, 1084(15)
- Shapiro, Stuart L.** — Binary-induced gravitational collapse: A trivial example. D 57, 908(15)
- Shaposhnikov, M. E.** — (see Giovannini, M.) D 57, 2186(15)
- Sharma, S. Shelly** — (see Pisano, F.) D 57, 5670(1)
- Sharma, V.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Sharpe, Stephen R.** — (see Kilcup, Greg) D 57, 1654(1)
- Shaw, N. M.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Sheaff, M.** — (see Aitala, E. M.) D 57, 13(1)
- Sheinblatt, Harrison J.** — Statistical entropy of an extremal black hole with zero- and six-brane charge. D 57, 2421(15)
- Shelemy, S.** — (see Kunstatte, G.) D 57, 3537(15)
- Shelkov, V.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Shellard, E. P. S.** — (see Martins, C. J. A. P.) D 57, 5276(BR)(15)  
 — (see Martins, C. J. A. P.) D 57, 7155(15)
- Shen, B. W.** — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Shen, D. L.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Shen, H.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Shen, Kun and Yu-Ping Kuang** — Ward identity and dynamical mass generation in Abelian gauge theory. D 57, 6386(15)
- Shen, Q.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)
- Shen, X. Y.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Sheng, H. Y.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Shepard, P. F.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Shi, H. Z.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Shi, X. R.** — (see Bai, J. Z.) D 57, 3187(E)(1)
- Shibata, E. I.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Shibayama, T.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Shifman, M.** — Degeneracy and continuous deformations of supersymmetric domain walls. D 57, 1258(15)  
 — (see Blok, B.) D 57, 2691(1)
- Shifman, M. A. and M. B. Voloshin** — Degenerate domain wall solutions in supersymmetric theories. D 57, 2590(15)
- Shifman, Mikhail** — (see Kogan, Ian I.) D 57, 5195(15)
- Shigemitsu, J.** — (see Morningstar, Colin J.) D 57, 6741(1)
- Shih, H. H.** — (see Bos, J. W.) D 57, 4101(1)
- Shimizu, Takashi** — (see Ohta, Nobuyoshi) D 57, R2040(15)
- Shimojima, M.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Shin, Hyeonjoon** — (see Hyun, Seungjoon) D 57, 4856(15)
- Shin, Junsoo** — (see Hyun, Seungjoon) D 57, 6561(E)(15)
- Shioden, M.** — (see Miura, M.) D 57, 5345(1)
- Shiokawa, K.** — (see Hu, B. L.) D 57, 3474(15)
- Shipsey, I. P. J.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Shirai, J.** — (see Miura, M.) D 57, 5345(1)
- Shivpuri, R. K.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Shnir, Ya. M.** — (see Kiselev, V. G.) D 57, 5174(15)
- Shochet, M.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Shovkovy, I. A.** — (see Gusynin, V. P.) D 57, 5230(15)
- Shtanov, Yu. V.** — Space-time description of neutrino flavor oscillations. D 57, 4418(1)
- Shupe, M.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Shuryak, E. V. and A. R. Zhitnitsky** — Gluon and charm content of the  $\eta'$  meson and instantons. D 57, 2001(BR)(1)
- Sidwell, R. A.** — (see Aitala, E. M.) D 57, 13(1)
- Siegrist, J.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Sigl, Günter** — Ultrahigh energy neutrino-nucleon cross section and radiative corrections. D 57, 3786(15)
- Sill, A.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Silvestre-Brac, B.** — (see Roberts, W.) D 57, 1694(1)
- Simula, S.** — (see Melikhov, D.) D 57, 6814(1)
- Sin, Sang-Jin** — (see Park, Chanyong) D 57, 4620(15)
- Sinervo, P.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Singh, H.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Singh, J. B.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Singh, P.** — (see Abe, F.) D 57, 67(1)

- (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Sinha, Sonali, M. P. Khanna, and R. C. Verma** — Bottom baryon decays in the pole model. D 57, 4483(BR)(1)  
**Sirotenko, V.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Sivakumar, M.** — (see Harikumar, E.) D 57, 3794(BR)(15)  
**Sivertz, M.** — (see Ammar, R.) D 57, 1350(1)  
 — (see Gronberg, J.) D 57, 33(1)  
**Sjöstrand, T.** — (see André, J.) D 57, 5767(1)  
**Skala, Peter** — (see Zach, Martin) D 57, 123(1)  
**Skarha, J.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Skiba, Witold** — (see Csáki, Csaba) D 57, 383(1)  
 — (see Csáki, Csaba) D 57, 7546(15)  
**Skubic, P.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Skwarnicki, T.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Slaughter, A. J.** — (see Aitala, E. M.) D 57, 13(1)  
**Sliwa, K.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Smart, W.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Smirnov, A. Yu.** — (see Babu, K. S.) D 57, 5825(1)  
**Smith, A.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Smith, C.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Smith, D. A.** — (see Abe, F.) D 57, 1359(1)  
**Smith, J.** — (see Harris, B. W.) D 57, 2806(1)  
 — (see Matiounine, Y.) D 57, 6701(1)  
**Smith, J. G.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Smith, Michael** — (see Lyth, David H.) D 57, 7120(15)  
**Smith, R. P.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Smolin, Lee** — Covariant quantization of membrane dynamics. D 57, 6216(15)  
**Snellman, Håkan** — (see Linde, Johan) D 57, 452(1)  
 — (see Linde, Johan) D 57, 5916(BR)(1)  
**Snider, F. D.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Snihur, R.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Snow, G. R.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Snow, J.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Snyder, S.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Soares, M. S.** — (see Covolan, R. J. M.) D 57, 180(1)  
**Soares Barbosa, J.** — (see Sá Borges, J.) D 57, 4108(1)  
**Socorro, José** — (see García, Alberto) D 57, 3457(15)  
 — (see Macías, Alfredo) D 57, 1027(15)  
**Sodano, P.** — (see Berruto, F.) D 57, 5070(15)  
**Soderstrom, E.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
**Soffer, A.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Soh, Kwang-Sup** — (see Cai, Rong-Gen) D 57, 6547(BR)(15)  
**Sokoloff, M. D.** — (see Aitala, E. M.) D 57, 13(1)  
**Solodukhin, Sergey N.** — Entropy of the Schwarzschild black hole and the string-black-hole correspondence. D 57, 2410(15)  
**Solomon, J.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Solovtsova, Olga P.** — (see Milton, Kimball A.) D 57, 5402(1)  
**Song, H. S.** — (see Baek, M. S.) D 57, 4091(1)  
 — (see Dubinin, M. N.) D 57, 2927(1)  
**Song, L.** — (see Abe, F.) D 57, 1359(1)  
**Song, T.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
**Song, X.** — New relations and constraints on quark spin-flavor content in the symmetry-breaking chiral quark model. D 57, 4114(1)  
**Song, X. F.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Soni, A.** — (see Bar-Shalom, S.) D 57, 1495(1)  
 — (see Bar-Shalom, S.) D 57, 2957(1)  
**Sood, P. M.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Sosebee, M.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Sotnikova, N.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Souza, M.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Spadafora, A. L.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Spalding, J.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Spanier, S.** — (see Abele, A.) D 57, 3860(1)  
**Speer, T.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Spencer, M. B.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Spergel, David** — (see Cornish, Neil J.) D 57, 5982(15)  
**Sphicas, P.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)

- (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Spiegel, L.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Spighi, R.** — (see Bertin, A.) D 57, 55(1)  
**Spindel, Ph.** — (see Gabriel, Cl.) D 57, 6496(15)  
**Spinella, F.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Spiropulu, M.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Spitz, A.** — (see Eicker, N.) D 57, 4080(1)  
**Sreekantan, B. V.** — (see Adarkar, H. R.) D 57, 2653(1)  
**Staeck, J.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Stanco, L.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Stancu, Fl., S. Pepin, and L. Ya. Glozman** — How the “*H* particle” unravels the quark dynamics. D 57, 4393(1)  
 — (see Brink, D. M.) D 57, 6778(1)  
 — (see Pepin, S.) D 57, 4475(BR)(1)  
**Standifird, J.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Stanev, Todor** — (see Gaisser, T. K.) D 57, 1977(1)  
**Stanton, N. R.** — (see Aitala, E. M.) D 57, 13(1)  
**Starkman, Glenn** — (see Cornish, Neil J.) D 57, 5982(15)  
**Staudacher, Matthias and Werner Krauth** — Two-dimensional QCD in the Wu-Mandelstam-Leibbrandt prescription. D 57, 2456(15)  
**Steele, J.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Steele, James V., Hidenaga Yamagishi, and Ismail Zahed** — On-shell approach to pion-nucleon physics. D 57, 1703(1)  
**Stefanini, A.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Stef Roux, F. and B. Holdom** — Influence of a new strong gauge interaction on unification. D 57, 3167(BR)(1)  
**Steinhardt, Paul J.** — (see Caldwell, R. R.) D 57, 6057(15)  
 — (see Zlatev, Ivaylo) D 57, 2152(15)  
**Steinkamp, O.** — (see Evangelista, C.) D 57, 5370(1)  
**Stela, J.** — (see Arbona, A.) D 57, 2397(15)  
**Stella, N.** — (see Bowler, K. C.) D 57, 6948(1)  
**Stenson, K.** — (see Aitala, E. M.) D 57, 13(1)  
**Stephens, R. W.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Stephenson, P.** — (see Gockeler, M.) D 57, 5562(1)  
**Stern, Christian** — (see Harada, Koji) D 57, 2460(15)  
**Stevenson, M. L.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Stewart, Chris and Roman Koniuk** — Hadronic molecules in lattice QCD. D 57, 5581(1)  
**Stewart, D.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Stewart, Iain W.** — (see Leibovich, Adam K.) D 57, 308(1)  
 — (see Leibovich, Adam K.) D 57, 5620(1)  
**Stichelbaut, F.** — (see Abbott, B.) D 57, R3817(1)  
**Stinzing, F.** — (see Evangelista, C.) D 57, 5370(1)  
**Stöck, H.** — (see Abele, A.) D 57, 3860(1)  
**Stockinger, P.** — (see Grimus, W.) D 57, 1762(1)  
**Stoianova, D. A.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Stoker, D.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
 — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Stone, S.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Strahl, K.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
**Strait, J.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
**Strassburger, C.** — (see Abele, A.) D 57, 3860(1)  
**Stratmann, M.** — (see de Florian, D.) D 57, 5811(1)  
 — (see Martin, O.) D 57, 3084(1)  
**Strauss, M.** — (see Abbott, B.) D 57, R3817(1)  
**Streets, K.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Strikman, Mark** — (see Alvero, Lyndon) D 57, 4063(1)  
 — (see Baltz, A. J.) D 57, 548(1)  
 — (see Frankfurt, Leonid) D 57, 512(1)  
**Strobl, Thomas** — (see Klösch, Thomas) D 57, 1034(15)  
**Strohbusch, U.** — (see Abele, A.) D 57, 3860(1)  
**Ströhmer, R.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Strologas, J.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Strovink, M.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Stroynowski, R.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Strumia, F.** — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Stuart, D.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)  
**Stugu, B.** — (see Evangelista, C.) D 57, 5370(1)  
**Stylianopoulos, A. M.** — (see Ramsey, S. A.) D 57, 6003(15)  
**Su, Ru-Keng** — (see Wang, Bin) D 57, 5284(BR)(15)  
**Su, Wang-Chang** —  $Z_2$  monopole of Spin(10) gauge theories. D 57, 5100(15)  
**Sudoh, K.** — (see Morii, T.) D 57, 4487(BR)(1)  
**Suematsu, Daijiro** — Neutralino decay in the  $\mu$ -problem solvable extra U(1) models. D 57, 1738(1)  
**Suffert, M.** — (see Abele, A.) D 57, 3860(1)  
**Sugamoto, Akio** — (see Ahmady, Mohammad R.) D 57, 1997(BR)(1)  
**Suganuma, H.** — (see Umisedo, S.) D 57, 1605(1)  
**Sugihara, Takanori** — Variational calculation of the effective action. D 57, 7373(15)  
**Sugiyama, Naoshi** — (see Kawasaki, M.) D 57, 6050(15)  
**Sullivan, G.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
**Sumino, Y.** — (see Peter, M.) D 57, 6912(1)  
**Sumiyoshi, T.** — (see Miura, M.) D 57, 5345(1)

- Summers, D. J.** — (see Aitala, E. M.) D 57, 13(1)
- Sumorok, K.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Sun, F.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Bai, J. Z.) D 57, 3854(1)
- Sun, H. S.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Bai, J. Z.) D 57, 3854(1)
- Sun, S. J.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- Sun, Zuxun** — (see Morii, T.) D 57, 4487(BR)(1)
- Sundrum, Raman** — Reparametrization invariance to all orders in heavy quark effective theory. D 57, 331(1)
- (see Schmaltz, Martin) D 57, 6455(15)
- Sung, M.** — (see Alam, M. S.) D 57, 4467(1)
- (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)
- (see Bliss, D. W.) D 57, 5903(BR)(1)
- (see Bonvicini, G.) D 57, 6604(1)
- (see Gronberg, J.) D 57, 33(1)
- (see Nemati, B.) D 57, 5363(1)
- Suranyi, P.** — Solution of gauge theories induced by fundamental representation scalars. D 57, 5084(15)
- Süri, Arnd** — Self-consistent treatment of bubble nucleation at the electroweak phase transition. D 57, 5049(15)
- Suzuki, Hiroshi and Hirofumi Yasuta** — Quantum bubble nucleation beyond the WKB approximation: Resummation of vacuum bubble diagrams. D 57, 2500(15)
- Suzuki, J.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Suzuki, Mahiko** — Suppressing flavor-changing neutral current interactions from leptoquark exchange by a family symmetry. D 57, 541(1)
- Long-distance final-state interactions and  $J/\psi$  decay. D 57, 5717(1)
- Suzuki, T.** — (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Suzuki, Toru** — (see Yabu, Hiroyuki) D 57, 1687(1)
- Swain, J. D.** — (see Anchordoqui, L. A.) D 57, 7103(15)
- Swartz, R. L., Jr.** — (see Abe, F.) D 57, 1359(1)
- Synodinos, J.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- Szalapski, R.** — Contributions of CERN LEP 1.5, LEP 2 and linear-collider data to indirect constraints on non-Abelian gauge-boson couplings. D 57, 5519(1)
- (see Alam, S.) D 57, 1577(1)
- Szczepaniak, Adam, Chueng-Ryong Ji, and Anatoly Radyushkin** — Consistent analysis of  $O(\alpha_s)$  corrections to the pion elastic form factor. D 57, 2813(1)
- Sznajder, A.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Taffarello, L.** — (see Crivelli-Visconti, V.) D 57, 2045(15)
- Tagoshi, Hideyuki** — (see Owen, Benjamin J.) D 57, 6168(15)
- Tahiri, M.** — (see Mena, M.) D 57, 7312(15)
- Tait, Tim** — (see Larios, F.) D 57, 3106(1)
- Takach, S.** — (see Aitala, E. M.) D 57, 13(1)
- Takada, T.** — (see Abe, F.) D 57, 67(1)
- Takada, Y.** — (see Miura, M.) D 57, 5345(1)
- Takahashi, T.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Takano, T.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Takasaki, F.** — (see Miura, M.) D 57, 5345(1)
- Takashima, R.** — (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Takasugi, Eiichi** — (see Kenmoku, Masakatsu) D 57, 4925(15)
- Takei, G.** — (see Blanford, G.) D 57, 6649(1)
- Takikawa, K.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Takita, M.** — (see Miura, M.) D 57, 5345(1)
- Tamaki, Takashi, Kei-ichi Maeda, and Takashi Torii** — Non-Abelian black holes in Brans-Dicke theory. D 57, 4870(15)
- Tamburello, P.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Tamura, N.** — (see Abe, F.) D 57, 67(1)
- (see Miura, M.) D 57, 5345(1)
- Tamvakis, K.** — (see Dedes, A.) D 57, 5493(1)
- (see Kanti, P.) D 57, 6255(15)
- Tan, Y. P.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- Tanaka, M.** — (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Tanaka, S.** — (see Morii, T.) D 57, 4487(BR)(1)
- Tang, Jian** — (see Jaffe, R. L.) D 57, 5920(BR)(1)
- Tang, S. Q.** — (see Bai, J. Z.) D 57, 28(1)
- (see Bai, J. Z.) D 57, 3187(E)(1)
- (see Bai, J. Z.) D 57, 3854(1)
- Tanimoto, M.** — (see Fukugita, M.) D 57, 4429(1)
- Tanimoto, Morimitsu** — Neutrino mass matrix with U(2) flavor symmetry and neutrino oscillations. D 57, 1983(BR)(1)
- Tannenbaum, B.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Tarazi, J.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Tartaglia, M.** — (see Abachi, S.) D 57, 589(BR)(1)
- (see Abbott, B.) D 57, R3817(1)
- Tartarelli, F.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Tata, X.** — (see Drees, M.) D 57, R5335(1)
- Tatsumi, D.** — (see Miura, M.) D 57, 5345(1)
- Tavares, D. M. and M. R. de Garcia Maia** — Amplification of gravitational waves in radiation-dominated universes: Relic gravitons in models with matter creation. D 57, 2305(15)
- Taylor, W.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Tecchio, M.** — (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Teixeira, A. F. F.** — (see Bernui, A.) D 57, 4699(15)
- Tekin, Bayram** — (see Jalilian-Marian, Jamal) D 57, 5593(1)
- Temnikov, P.** — (see Bertin, A.) D 57, 55(1)
- Teng, P. K.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Teplitz, Vigdor L.** — (see Dicus, Duane A.) D 57, 578(1)
- (see Dicus, Duane A.) D 57, 4496(E)(1)
- Teramoto, Y.** — (see Abe, F.) D 57, 67(1)
- (see Abe, F.) D 57, 1359(1)
- (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Terashi, K.** — (see Abe, F.) D 57, R3811(1)
- (see Abe, F.) D 57, 5382(1)
- Terning, John** — (see Csáki, Csaba) D 57, 7546(15)
- (see Luty, Markus A.) D 57, 6799(1)

- ter Veldhuis, T.** — (see Drees, M.) D 57, R5335(1)
- Teryaev, O. V.** — (see Boer, D.) D 57, 3057(1)  
 — (see Musatov, I. V.) D 57, 7041(BR)(1)
- Tessaro, S.** — (see Bertin, A.) D 57, 55(1)
- Tether, S.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Tetradis, N.** — Fine-tuning of the initial conditions for hybrid inflation.  
 D 57, 5997(15)
- Teukolsky, S. A.** — (see Baumgarte, T. W.) D 57, 6181(15)  
 — (see Baumgarte, T. W.) D 57, 7299(15)  
 — (see Rezzolla, L.) D 57, 1084(15)
- Thacker, H.** — (see Bardeen, W.) D 57, 1633(1)  
 — (see Bardeen, W.) D 57, 3890(1)
- Thaler, J. J.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Theriot, D.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Thiemann, Thomas** — (see Rovelli, Carlo) D 57, 1009(15)
- Thies, Michael** — (see Eletsky, Vladimir L.) D 57, 5010(15)
- Thober, D. S.** — (see Martini, A. F.) D 57, 3026(1)
- Thoma, U.** — (see Abele, A.) D 57, 3860(1)
- Thomas, J.** — (see Abe, F.) D 57, 1359(1)
- Thomas, T. L.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Thomas, T. L. T.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Thompson, Christopher and Omer Blaes** — Magnetohydrodynamics in the extreme relativistic limit. D 57, 3219(15)
- Thompson, J.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Thorndike, E. H.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Thorne, K.** — (see Aitola, E. M.) D 57, 13(1)
- Thorne, R. S. and R. G. Roberts** — Ordered analysis of heavy flavor production in deep-inelastic scattering. D 57, 6871(1)
- Thron, C., S. J. Dong, K. F. Liu, and H. P. Ying** — Padé- $Z_2$  estimator of determinants. D 57, 1642(1)
- Thun, R.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)
- Thurman-Keup, R.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Tiemblo, Alfredo** — (see Barbero G., J. Fernando) D 57, 6104(15)
- Tiktopoulos, George** — Variational wave functionals in quantum field theory. D 57, 6429(15)
- Timko, M.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Timm, S.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)
- (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Tipton, P.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Tischhäuser, M.** — (see Abele, A.) D 57, 3860(1)
- Titov, A.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Tkaczyk, S.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Toback, D.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Tobimatsu, K.** — (see Miura, M.) D 57, 5345(1)
- Tohyama, Hide-Aki** — (see Kanemura, Shinya) D 57, 2949(1)
- Toki, H.** — (see Umisedo, S.) D 57, 1605(1)
- Toki, W.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Toldrà, R.** — (see Grifols, J. A.) D 57, 614(BR)(1)  
 — (see Grifols, J. A.) D 57, 2005(BR)(1)
- Tollefson, K.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Tollestrup, A.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Tomboulis, E. T.** — (see Kovács, Tamás G.) D 57, 4054(1)
- Tomimatsu, Akira** — Power-law tail of gravitational waves from a uniformly accelerating black hole. D 57, 2613(BR)(15)
- Tonasse, M. D.** — (see Sá Borges, J.) D 57, 4108(1)
- Tong, G. L.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Tonnison, J.** — (see Abe, F.) D 57, 1359(1)
- Torii, Takashi** — (see Tamaki, Takashi) D 57, 4870(15)
- Torrence, E.** — (see Bai, J. Z.) D 57, 3187(E)(1)
- Torres, Diego F., Andrew R. Liddle, and Franz E. Schunck**  
 — Gravitational memory of boson stars. D 57, 4821(15)  
 — (see Anchordoqui, Luis A.) D 57, 829(15)
- Tosello, F.** — (see Bertin, A.) D 57, 55(1)
- Toublan, D.** — Erratum: Lowest tensor-meson resonances contributions to the chiral perturbation theory low-energy coupling constants [Phys. Rev. D 53, 6602 (1996)]. D 57, 4495(E)(1)
- Toyoda, H.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Traschen, Jennie** — (see Kastor, David) D 57, 4862(15)
- Treleani, D.** — (see Calucci, G.) D 57, 503(1)  
 — (see Calucci, G.) D 57, 602(BR)(1)
- Tresguerres, Romualdo** — (see Barbero G., J. Fernando) D 57, 6104(15)
- Tretyak, V. I.** — (see Bertin, A.) D 57, 55(1)
- Tripathi, A. K.** — (see Aitola, E. M.) D 57, 13(1)
- Tripathy, Prasanta K.** — Self-dual Maxwell Chern-Simons solitons in 1+1 dimensions. D 57, 5166(15)
- Trippie, T. G.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Trischuk, W.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Trobo, M. L.** — (see Edelstein, J. D.) D 57, 7561(15)
- Trobo, Marta L.** — (see Anchordoqui, Luis A.) D 57, 829(15)
- Trócsányi, Zoltán** — (see Nagy, Zoltán) D 57, 5793(1)

- Trodden, Mark** — (see Carroll, Sean M.) D 57, 5189<sup>(15)</sup>  
 — (see Davis, Stephen C.) D 57, 5184<sup>(15)</sup>  
 — (see de Laix, Andrew A.) D 57, 7186<sup>(15)</sup>  
**Troshin, S. M. and N. E. Tyurin** — Different low- $x$  behavior of the spin structure functions  $g_1(x)$  and  $h_1(x)$ . D 57, 5473<sup>(1)</sup>  
**Truitt, S.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Tsamis, N. C. and R. P. Woodard** — Quantum gravitationally induced stress tensor during inflation. D 57, 4826<sup>(15)</sup>  
**Tseng, B.** — (see Li, Hsiang-nan) D 57, 443<sup>(1)</sup>  
**Tseng, J.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Tsuboyama, T.** — (see Miura, M.) D 57, 5345<sup>(1)</sup>  
**Tsujimaru, Sho and Koichi Yamawaki** — Zero mode and symmetry breaking on the light front. D 57, 4942<sup>(15)</sup>  
**Tsukamoto, Taro** — (see Chiba, Takeshi) D 57, 6119<sup>(15)</sup>  
**Tsun, Tsou Sheung** — (see Hong-Mo, Chan) D 57, 2507<sup>(15)</sup>  
**Turcotte, M.** — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
**Turini, N.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Turok, Neil** — (see Uzan, Jean-Philippe) D 57, 7192<sup>(15)</sup>  
**Tuts, P. M.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Tytgat, Michel H. G.** — (see Kiers, Ken) D 57, 5970<sup>(15)</sup>  
**Tyurin, N. E.** — (see Troshin, S. M.) D 57, 5473<sup>(1)</sup>
- Uchida, T.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Uchihori, Y.** — (see Adarkar, H. R.) D 57, 2653<sup>(1)</sup>  
**Ueberholz, P.** — (see Bowler, K. C.) D 57, 6948<sup>(1)</sup>  
**Uehara, S.** — (see Miura, M.) D 57, 5345<sup>(1)</sup>  
**Uemura, N.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
**Ugolini, D.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Ukawa, A.** — (see Aoki, S.) D 57, 3910<sup>(1)</sup>  
**Ukegawa, F.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**(UKQCD Collaboration)** — (see Bowler, K. C.) D 57, 6948<sup>(1)</sup>  
 — (see Manke, T.) D 57, R3829<sup>(1)</sup>  
**Ullio, Piero and Lars Bergström** — Neutralino annihilation into a photon and a  $Z$  boson. D 57, 1962<sup>(1)</sup>  
**Ullrich, Peter** — (see Grangé, Pierre) D 57, 4981<sup>(15)</sup>  
**Uma Maheswari, V. S., J. N. De, and S. K. Samaddar** — Hybrid stars: Spin-polarized nuclear matter and density-dependent quark masses. D 57, 3242<sup>(15)</sup>  
**Umisedo, S., H. Suganuma, and H. Toki** — Correlation between confinement and chiral-symmetry breaking in the dual Higgs theory. D 57, 1605<sup>(1)</sup>  
**Unal, G.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
**Undrus, A.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Ungarelli, C.** — (see Buonanno, A.) D 57, 2543<sup>(15)</sup>  
**Unno, Y.** — (see Miura, M.) D 57, 5345<sup>(1)</sup>  
**Uraltsev, Nikolai** — (see Czarnecki, Andrzej) D 57, 1769<sup>(1)</sup>  
**Urheim, J.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Urrutia, Luis F.** — (see Gambini, Rodolfo) D 57, 3711<sup>(15)</sup>  
**Usai, G.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>  
**Uzan, Jean-Philippe, Nathalie Deruelle, and Neil Turok** — Conservation laws and cosmological perturbations in curved universes. D 57, 7192<sup>(15)</sup>
- v. Dombrowski, S.** — (see Abele, A.) D 57, 3860<sup>(1)</sup>  
**Vachaspati, Tanmay** — (see de Laix, Andrew A.) D 57, 7186<sup>(15)</sup>  
**Vaitaitis, Artur** — (see Formaggio, Joseph A.) D 57, 7037<sup>(BR)(1)</sup>  
**Valacca, L.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>  
**Valant-Spaight, B.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903<sup>(BR)(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Valencia, G.** — (see Likhoded, A. A.) D 57, 2974<sup>(1)</sup>  
**Valle, José W. F.** — (see Berezhinsky, V.) D 57, 147<sup>(1)</sup>  
**Valle Basagoiti, M. A.** — Damping rate of plasmons and photons in a degenerate nonrelativistic plasma. D 57, 7618<sup>(BR)(15)</sup>  
**Valls, J.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Vaman, Diana and Mihai Visinescu** — Spinning particles in Taub-NUT space. D 57, 3790<sup>(BR)(15)</sup>  
**van de Bruck, Carsten** — Cosmic string network evolution in arbitrary Friedmann-Lemaître models. D 57, 1306<sup>(BR)(15)</sup>  
 — Peculiar velocity field in structure formation theories with cosmic strings. D 57, 4663<sup>(15)</sup>  
**van den Brink, S. C.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**van der Bij, J. J. and Boris Kastening** — Corrections to oblique parameters induced by anomalous vector boson couplings. D 57, 2903<sup>(1)</sup>  
 — (see Ghinculov, A.) D 57, 1487<sup>(1)</sup>  
**van Neerven, W. L.** — (see Matioune, Y.) D 57, 6701<sup>(1)</sup>  
**Vannucci, L.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>  
**Vänttinen, M.** — (see Beneke, M.) D 57, 4258<sup>(1)</sup>  
**Vanzella, D. A. T.** — (see Guimarães, A. C. C.) D 57, 4461<sup>(1)</sup>  
**Vanzo, L.** — (see Klemm, D.) D 57, 6127<sup>(15)</sup>  
**Vanzo, Luciano** — (see Bytsenko, Andrei A.) D 57, 4917<sup>(15)</sup>  
 — (see Elizalde, Emilio) D 57, 7430<sup>(15)</sup>  
**Varadarajan, Madhavan** — Quantum gravity effects in the CGHS model of collapse to a black hole. D 57, 3463<sup>(15)</sup>  
**Varelas, N.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Vargas Moniz, P.** — Origin of structure in supersymmetric quantum cosmology. D 57, R7071<sup>(15)</sup>  
**Varnes, E. W.** — (see Abachi, S.) D 57, 589<sup>(BR)(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Vasúth, M.** — (see Gergely, L.) D 57, 3423<sup>(15)</sup>  
**Vasúth, Máttyás** — (see Gergely, László Á.) D 57, 876<sup>(15)</sup>

- Vecchi, S.** — (see Bertin, A.) D 57, 55(1)
- Vecchio, Alberto** — (see Nicholson, David) D 57, 4588(15)
- Vedovato, G.** — (see Bertin, A.) D 57, 55(1)  
 — (see Crivelli-Visconti, V.) D 57, 2045(15)
- Vejcik, S., III** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Velev, G.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Vempati, Sudhir K.** — (see Joshipura, Anjan S.) D 57, R5327(1)
- Veneziano, G.** — (see Buonanno, A.) D 57, 2543(15)
- Venturelli, L.** — (see Bertin, A.) D 57, 55(1)
- Venugopal, E. P. and Barry R. Holstein** — Chiral anomaly and  $\eta$ - $\eta'$  mixing. D 57, 4397(1)
- (VENUS Collaboration)** — (see Miura, M.) D 57, 5345(1)
- Vergara, J. David** — (see Gambini, Rodolfo) D 57, 3711(15)
- Verma, R. C.** — (see Sinha, Sonali) D 57, 4483(BR)(1)
- Verzegnassi, C.** — (see Chivukula, R. S.) D 57, 2760(1)
- Veseli, Siniša** — (see Close, Frank E.) D 57, 5653(1)
- Vezzani, A.** — (see Bertin, A.) D 57, 55(1)
- Viana, Pedro T. P. and Andrew R. Liddle** — Perturbation evolution in cosmologies with a decaying cosmological constant. D 57, 674(15)
- Vidal, R.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Viehhauser, G.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Viehoff, J.** — (see Eicker, N.) D 57, 4080(1)
- Vigotti, F.** — (see Bertin, A.) D 57, 55(1)
- Vilar, R.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Vilenkin, Alexander** — Singular instantons and the creation of open universes. D 57, R7069(15)  
 — (see Garriga, Jaume) D 57, 2230(15)
- Villa, M.** — (see Bertin, A.) D 57, 55(1)
- Vinti, Stefano** — (see Pinn, Klaus) D 57, 3923(1)
- Vischer, Axel P.** — (see Schaffner-Bielich, Jürgen) D 57, 4142(1)
- Visinescu, Mihai** — (see Vaman, Diana) D 57, 3790(BR)(15)
- Vissani, Francesco** — Do experiments suggest a hierarchy problem? D 57, 7027(BR)(1)  
 — (see Covi, Laura) D 57, 93(1)
- Vitale, A.** — (see Bertin, A.) D 57, 55(1)
- Vitale, S.** — (see Crivelli-Visconti, V.) D 57, 2045(15)
- Vititoe, D.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Vogelsang, W.** — (see de Florian, D.) D 57, 4376(1)  
 — (see de Florian, D.) D 57, 5811(1)  
 — (see Martin, O.) D 57, 3084(1)
- Vogelsang, Werner** — Next-to-leading order evolution of transversity distributions and Soffer's inequality. D 57, 1886(1)
- Vogt, Andreas** — (see Blümlein, Johannes) D 57, R1(1)
- Völcker, C.** — (see Abele, A.) D 57, 3860(1)
- Volkas, R. R.** — (see Foot, R.) D 57, R1345(1)
- Volkov, A. A.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Volkov, Mikhail S.** — (see Chamseddine, Ali H.) D 57, 6242(15)
- Vollick, D.** — (see Pretorius, F.) D 57, 6311(15)
- Vollick, Dan N.** — Negative energy density states for the Dirac field in flat spacetime. D 57, 3484(15)
- Volobouev, I.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)
- (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Voloshin, M. B.** — Domain shapes and processes in supersymmetric theories. D 57, 1266(15)  
 — (see Shifman, M. A.) D 57, 2590(15)
- von Dombrowski, S.** — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)
- Vondracek, M.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)
- Vorobiev, A. P.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Vranas, Pavlos M.** — Chiral symmetry restoration in the Schwinger model with domain wall fermions. D 57, 1415(1)
- Vucetich, H. and J. E. Horvath** — Strangelet spectra from type II supernovae. D 57, 5959(15)
- Vucinic, D.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Waga, Ioav** — (see Frieman, Joshua A.) D 57, 4642(15)
- Wagner, R. G.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Wagner, R. L.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Wahl, H. D.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Wahl, J.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Wainer, N.** — (see Abe, F.) D 57, 1359(1)
- Wakamatsu, M. and T. Kubota** — Chiral symmetry and the nucleon structure functions. D 57, 5755(1)
- Waldram, Daniel** — (see Lukas, André) D 57, 7529(15)
- Walker, Paul** — (see Anninos, Peter) D 57, 6158(15)
- Walker, R. C.** — (see Abe, F.) D 57, 1359(1)
- Wallace, N. B.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Wallis, S.** — (see Abele, A.) D 57, 3860(1)
- Walsh, A. M.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Walsh, R. and A. J. Ramalho** — Constraints on the anomalous  $Z\gamma\gamma$  and  $ZZ\gamma$  vertices at Next Linear Collider energies. D 57, 5908(BR)(1)
- Walther, D.** — (see Abele, A.) D 57, 3860(1)
- Wands, David** — (see Copeland, E. J.) D 57, R625(15)  
 — (see Copeland, Edmund J.) D 57, 4686(15)
- Wang, Anzhong** — (see Nogales, José A. C.) D 57, 6089(15)
- Wang, Bin, Ru-Keng Su, P. K. N. Yu, and E. C. M. Young** — Can a nonextremal Reissner-Nordström black hole become extremal by assimilating an infalling charged particle and shell? D 57, 5284(BR)(15)
- Wang, C.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Wang, C. H.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)

- \_\_\_\_\_ (see Abe, F.) D 57, 5382(1)  
**Wang, F.** — (see Bai, J. Z.) D 57, 28(1)  
 \_\_\_\_\_ (see Bai, J. Z.) D 57, 3187(E)(1)  
 \_\_\_\_\_ (see Bai, J. Z.) D 57, 3854(1)  
**Wang, G.** — (see Abachi, S.) D 57, 589(BR)(1)  
 \_\_\_\_\_ (see Abbott, B.) D 57, R3817(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, 1359(1)  
**Wang, Hua** — (see Zhou, Hong-Yi) D 57, 4205(1)  
**Wang, J.** — (see Abe, F.) D 57, 67(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, 1359(1)  
**Wang, Jian-Xiong** — (see Chang, Chao-Hsi) D 57, 4035(1)  
**Wang, L. S.** — (see Bai, J. Z.) D 57, 28(1)  
 \_\_\_\_\_ (see Bai, J. Z.) D 57, 3187(E)(1)  
 \_\_\_\_\_ (see Bai, J. Z.) D 57, 3854(1)  
**Wang, L. Z.** — (see Bai, J. Z.) D 57, 28(1)  
 \_\_\_\_\_ (see Bai, J. Z.) D 57, 3187(E)(1)  
 \_\_\_\_\_ (see Bai, J. Z.) D 57, 3854(1)  
**Wang, M.** — (see Bai, J. Z.) D 57, 28(1)  
 \_\_\_\_\_ (see Bai, J. Z.) D 57, 3187(E)(1)  
 \_\_\_\_\_ (see Bai, J. Z.) D 57, 3854(1)  
**Wang, M. J.** — (see Abe, F.) D 57, 67(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, 1359(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, R3811(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, 5382(1)  
**Wang, Meng** — (see Bai, J. Z.) D 57, 3854(1)  
**Wang, P.** — (see Bai, J. Z.) D 57, 28(1)  
 \_\_\_\_\_ (see Bai, J. Z.) D 57, 3187(E)(1)  
 \_\_\_\_\_ (see Bai, J. Z.) D 57, 3854(1)  
**Wang, P. L.** — (see Bai, J. Z.) D 57, 28(1)  
 \_\_\_\_\_ (see Bai, J. Z.) D 57, 3187(E)(1)  
 \_\_\_\_\_ (see Bai, J. Z.) D 57, 3854(1)  
**Wang, Q. F.** — (see Abe, F.) D 57, 67(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, 1359(1)  
**Wang, R.** — (see Alam, M. S.) D 57, 4467(1)  
 \_\_\_\_\_ (see Ammar, R.) D 57, 1350(1)  
 \_\_\_\_\_ (see Bishai, M.) D 57, 3847(1)  
 \_\_\_\_\_ (see Bliss, D. W.) D 57, 5903(BR)(1)  
 \_\_\_\_\_ (see Bonvicini, G.) D 57, 6604(1)  
 \_\_\_\_\_ (see Gronberg, J.) D 57, 33(1)  
 \_\_\_\_\_ (see Nemati, B.) D 57, 5363(1)  
**Wang, S. M.** — (see Bai, J. Z.) D 57, 28(1)  
 \_\_\_\_\_ (see Bai, J. Z.) D 57, 3187(E)(1)  
 \_\_\_\_\_ (see Bai, J. Z.) D 57, 3854(1)  
**Wang, T. J.** — (see Bai, J. Z.) D 57, 28(1)  
 \_\_\_\_\_ (see Bai, J. Z.) D 57, 3187(E)(1)  
 \_\_\_\_\_ (see Bai, J. Z.) D 57, 3854(1)  
**Wang, Y. Y.** — (see Bai, J. Z.) D 57, 28(1)  
 \_\_\_\_\_ (see Bai, J. Z.) D 57, 3187(E)(1)  
 \_\_\_\_\_ (see Bai, J. Z.) D 57, 3854(1)  
**Wanke, R.** — (see Alam, M. S.) D 57, 4467(1)  
 \_\_\_\_\_ (see Ammar, R.) D 57, 1350(1)  
 \_\_\_\_\_ (see Bishai, M.) D 57, 3847(1)  
 \_\_\_\_\_ (see Bliss, D. W.) D 57, 5903(BR)(1)  
 \_\_\_\_\_ (see Bonvicini, G.) D 57, 6604(1)  
 \_\_\_\_\_ (see Gronberg, J.) D 57, 33(1)  
 \_\_\_\_\_ (see Nemati, B.) D 57, 5363(1)  
**Wappler, F.** — (see Alam, M. S.) D 57, 4467(1)  
 \_\_\_\_\_ (see Ammar, R.) D 57, 1350(1)  
 \_\_\_\_\_ (see Bishai, M.) D 57, 3847(1)  
 \_\_\_\_\_ (see Bliss, D. W.) D 57, 5903(BR)(1)  
 \_\_\_\_\_ (see Bonvicini, G.) D 57, 6604(1)  
 \_\_\_\_\_ (see Gronberg, J.) D 57, 33(1)  
 \_\_\_\_\_ (see Nemati, B.) D 57, 5363(1)  
**Warburton, A.** — (see Abe, F.) D 57, 67(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, 1359(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, R3811(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, 5382(1)  
**Warchol, J.** — (see Abachi, S.) D 57, 589(BR)(1)  
 \_\_\_\_\_ (see Abbott, B.) D 57, R3817(1)  
**Ward, C.** — (see Alam, M. S.) D 57, 4467(1)
- \_\_\_\_\_ (see Ammar, R.) D 57, 1350(1)  
 \_\_\_\_\_ (see Bishai, M.) D 57, 3847(1)  
 \_\_\_\_\_ (see Bliss, D. W.) D 57, 5903(BR)(1)  
 \_\_\_\_\_ (see Bonvicini, G.) D 57, 6604(1)  
 \_\_\_\_\_ (see Gronberg, J.) D 57, 33(1)  
 \_\_\_\_\_ (see Nemati, B.) D 57, 5363(1)  
**Watanabe, S.** — (see Aitala, E. M.) D 57, 13(1)  
**Watanabe, T.** — (see Abe, F.) D 57, R3811(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, 5382(1)  
 \_\_\_\_\_ (see Miura, M.) D 57, 5345(1)  
**Watase, Y.** — (see Miura, M.) D 57, 5345(1)  
**Watts, G.** — (see Abachi, S.) D 57, 589(BR)(1)  
 \_\_\_\_\_ (see Abbott, B.) D 57, R3817(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, 1359(1)  
**Watts, T.** — (see Abe, F.) D 57, 67(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, 1359(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, R3811(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, 5382(1)  
**Wayne, M.** — (see Abachi, S.) D 57, 589(BR)(1)  
 \_\_\_\_\_ (see Abbott, B.) D 57, R3817(1)  
**Weaver, M.** — (see Bai, J. Z.) D 57, 28(1)  
 \_\_\_\_\_ (see Bai, J. Z.) D 57, 3854(1)  
**Webb, R.** — (see Abe, F.) D 57, 67(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, 1359(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, R3811(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, 5382(1)  
**Weerts, H.** — (see Abachi, S.) D 57, 589(BR)(1)  
 \_\_\_\_\_ (see Abbott, B.) D 57, R3817(1)  
**Wei, C.** — (see Abe, F.) D 57, 67(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, 1359(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, R3811(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, 5382(1)  
**Wei, C. L.** — (see Bai, J. Z.) D 57, 28(1)  
 \_\_\_\_\_ (see Bai, J. Z.) D 57, 3187(E)(1)  
 \_\_\_\_\_ (see Bai, J. Z.) D 57, 3854(1)  
**Weiglein, G.** — (see Djouadi, A.) D 57, 4179(1)  
**Weihong, Zheng** — (see Hamer, C. J.) D 57, 2523(15)  
**Weinstein, A. J.** — (see Alam, M. S.) D 57, 4467(1)  
 \_\_\_\_\_ (see Ammar, R.) D 57, 1350(1)  
 \_\_\_\_\_ (see Bishai, M.) D 57, 3847(1)  
 \_\_\_\_\_ (see Bliss, D. W.) D 57, 5903(BR)(1)  
 \_\_\_\_\_ (see Bonvicini, G.) D 57, 6604(1)  
 \_\_\_\_\_ (see Gronberg, J.) D 57, 33(1)  
 \_\_\_\_\_ (see Nemati, B.) D 57, 5363(1)  
**Weise, Jeanette I., Matthew G. Baring, and Donald B. Melrose**  
 — Photon splitting in strong magnetic fields: S-matrix  
 calculations. D 57, 5526(1)  
**Weiss, C.** — (see Petrov, V. Yu.) D 57, 4325(1)  
 \_\_\_\_\_ (see Polyakov, M. V.) D 57, 4471(BR)(1)  
**Weiss, Nathan** — (see Kiers, Ken) D 57, 3091(1)  
**Weiss-Babai, R.** — (see Aitala, E. M.) D 57, 13(1)  
**Wells, James D.** — (see Baer, Howard) D 57, 4446(1)  
 \_\_\_\_\_ (see Bloom, Elliott D.) D 57, 1299(BR)(15)  
**Wendt, C.** — (see Abe, F.) D 57, 1359(1)  
**Wen-Gan, Ma** — (see Yi, Jiang) D 57, 4343(1)  
**Wenzel, H.** — (see Abe, F.) D 57, 67(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, 1359(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, R3811(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, 5382(1)  
**Werner, Ernst** — (see Grangé, Pierre) D 57, 4981(15)  
**Wester, W. C., III** — (see Abe, F.) D 57, 67(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, 1359(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, R3811(1)  
 \_\_\_\_\_ (see Abe, F.) D 57, 5382(1)  
**Westhusing, T.** — (see Abe, F.) D 57, 1359(1)  
**Wetterich, Christof** — (see Bergerhoff, Bastian) D 57, 1591(1)  
**Wettig, T.** — (see Wilke, T.) D 57, 6486(15)  
**Whelan, John T.** — Modeling the decoherence of spacetime.  
 D 57, 768(15)  
**Whisnant, K.** — (see Datta, A.) D 57, 364(1)

- (see Oakes, Robert J.) D 57, 534<sup>(1)</sup>
- White, A.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- White, J. T.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- White, Martin** — Remark on the estimation of angular power spectra in the presence of foregrounds. D 57, 5273(BR)<sup>(15)</sup>
- (see Hu, Wayne) D 57, 3290<sup>(15)</sup>
- Whiting, Bernard F.** — (see Louko, Jorma) D 57, 2279<sup>(15)</sup>
- Whitmore, J. J.** — (see Alvero, Lyndon) D 57, 4063<sup>(1)</sup>
- Whittaker, S.** — (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>
- Wichoski, U. F.** — (see MacGibbon, Jane H.) D 57, 2158<sup>(15)</sup>
- Wicklund, A. B.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Wicklund, E.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Więckowski, Marek** — (see Masłowski, Tomasz) D 57, 4976<sup>(15)</sup>
- Wiedner, U.** — (see Abele, A.) D 57, 3860<sup>(1)</sup>
- Wiener, J.** — (see Aitala, E. M.) D 57, 13<sup>(1)</sup>
- Wightman, J. A.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Wilcox, Walter** — Lattice investigation of the Das-Mathur-Okubo sum rule. D 57, 6731<sup>(1)</sup>
- Wilke, T., T. Guhr, and T. Wettig** — Microscopic spectrum of the QCD Dirac operator with finite quark masses. D 57, 6486<sup>(15)</sup>
- Wilkinson, R.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Will, Clifford M.** — Bounding the mass of the graviton using gravitational-wave observations of inspiralling compact binaries. D 57, 2061<sup>(15)</sup>
- Willey, R. S.** — (see Boyanovsky, D.) D 57, 100<sup>(1)</sup>
- Williams, H. H.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Willis, S.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Wilson, Kenneth G.** — (see Głazek, Stanisław D.) D 57, 3558<sup>(15)</sup>
- Wilson, P.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Wilson, R.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>
- (see Ammar, R.) D 57, 1350<sup>(1)</sup>
- (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>
- (see Bishai, M.) D 57, 3847<sup>(1)</sup>
- (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>
- (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>
- (see Gronberg, J.) D 57, 33<sup>(1)</sup>
- (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Wimpenny, S. J.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Winer, B. L.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Winicour, J.** — (see Gómez, R.) D 57, 4778<sup>(15)</sup>
- Winicour, Jeffrey** — (see Bishop, Nigel T.) D 57, 6113<sup>(15)</sup>
- Winn, D.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Winstanley, E.** — (see Kanti, P.) D 57, 6255<sup>(15)</sup>
- Wirjawan, J. V. D.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Wirth, H.** — (see Evangelista, C.) D 57, 5370<sup>(1)</sup>
- Wise, Mark B.** — (see Leibovich, Adam K.) D 57, 308<sup>(1)</sup>
- Wisniewski, W. J.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>
- (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>
- Witchey, N.** — (see Aitala, E. M.) D 57, 13<sup>(1)</sup>
- Witherell, M. S.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>
- (see Ammar, R.) D 57, 1350<sup>(1)</sup>
- (see Bishai, M.) D 57, 3847<sup>(1)</sup>
- (see Gronberg, J.) D 57, 33<sup>(1)</sup>
- (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Wittmack, K.** — (see Abele, A.) D 57, 3860<sup>(1)</sup>
- Wolf, A.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>
- (see Ammar, R.) D 57, 1350<sup>(1)</sup>
- (see Bishai, M.) D 57, 3847<sup>(1)</sup>
- (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>
- (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>
- (see Gronberg, J.) D 57, 33<sup>(1)</sup>
- (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Wolfenstein, L.** — Lepton asymmetry in  $B$  decays. D 57, 5453<sup>(1)</sup>
- New physics effects in  $CP$ -violating  $B$  decays. D 57, 6857<sup>(1)</sup>
- Wolin, E.** — (see Aitala, E. M.) D 57, 13<sup>(1)</sup>
- Wolinski, D.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Wolinski, J.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Womersley, J.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Won, E.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Wong, Cheuk-Yin and Chun Wa Wong** — Color-octet fraction in  $J/\psi$  production and absorption. D 57, 1838<sup>(1)</sup>
- Wong, Chun Wa** — (see Wong, Cheuk-Yin) D 57, 1838<sup>(1)</sup>
- Wong, Wing Kai** — (see Kallosh, Renata) D 57, 1063<sup>(15)</sup>
- Wood, D. R.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>
- (see Abbott, B.) D 57, R3817<sup>(1)</sup>
- Wood, M.** — (see Ammar, R.) D 57, 1350<sup>(1)</sup>
- Woodard, R. P.** — (see Bennett, D. L.) D 57, 1167<sup>(15)</sup>
- (see Tsamis, N. C.) D 57, 4826<sup>(15)</sup>
- Worm, S.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Wotzasek, Clovis** — Destructive interference of dualities. D 57, 4990<sup>(15)</sup>
- Wu, D. Y.** — (see Abe, F.) D 57, 1359<sup>(1)</sup>
- Wu, Guo-Hong** — (see Clark, T. E.) D 57, 5912(BR)<sup>(1)</sup>
- Wu, Hui-fang** — (see Cao, Jun) D 57, 4154<sup>(1)</sup>
- Wu, Tai Tsun** — (see Gastmans, R.) D 57, 1203<sup>(15)</sup>
- Wu, X.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>
- Wu, Y. G.** — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>
- Wu, Yong-Shi** — (see Ho, Pei-Ming) D 57, 2571<sup>(15)</sup>
- Wudka, J.** — (see Bar-Shalom, S.) D 57, 2957<sup>(1)</sup>
- Würthwein, F.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>
- (see Ammar, R.) D 57, 1350<sup>(1)</sup>
- (see Bishai, M.) D 57, 3847<sup>(1)</sup>
- (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>
- (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>
- (see Gronberg, J.) D 57, 33<sup>(1)</sup>
- (see Nemati, B.) D 57, 5363<sup>(1)</sup>
- Wyss, J.** — (see Abe, F.) D 57, 67<sup>(1)</sup>
- (see Abe, F.) D 57, 1359<sup>(1)</sup>
- (see Abe, F.) D 57, R3811<sup>(1)</sup>
- (see Abe, F.) D 57, 5382<sup>(1)</sup>

- Xi, D. M.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Xia, X. M.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Xie, P. P.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Xie, Y.** — (see Bai, J. Z.) D 57, 3854(1)
- Xie, Y. H.** — (see Bai, J. Z.) D 57, 3854(1)
- Xing, X.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Xing, Zhi-zhong** — (see Fritzsche, Harald) D 57, 594(BR)(1)
- Xiong, W. J.** — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Xu, C. C.** — (see Bai, J. Z.) D 57, 3854(1)
- Xu, D. Z.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)
- Xu, G. F.** — (see Bai, J. Z.) D 57, 3854(1)
- Xu, H.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Xu, R. S.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)
- Xu, Z. Q.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)
- Xue, S. T.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Yabu, Hiroyuki, Kenji Nozawa, and Toru Suzuki** — Dissipative field theory with the Caldeira-Leggett method and its application to disoriented chiral condensation. D 57, 1687(1)
- Yabuki, F.** — (see Miura, M.) D 57, 5345(1)
- Yaffe, Laurence G.** — (see Arnold, Peter) D 57, 1178(15)
- Yagil, A.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Yamada, Atsushi** — Renormalizability of a lattice chiral fermion in the overlap formulation. D 57, 1433(1)
- Yamada, R.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Yamada, Y.** — (see Miura, M.) D 57, 5345(1)
- Yamada, Youichi** — (see Nojiri, Mihoko M.) D 57, 1539(1)
- Yamagata, T.** — (see Miura, M.) D 57, 5345(1)
- Yamagishi, Hidenaga** — (see Steele, James V.) D 57, 1703(1)
- Yamaguchi, Masahiro** — (see Pierpaoli, Elena) D 57, 2089(15)
- Yamamoto, H.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Yamamoto, Hitoshi** — (see Close, Frank E.) D 57, 5653(1)
- Yamamoto, R.** — (see Bai, J. Z.) D 57, 3187(E)(1)
- Yamanishi, T.** — (see Morii, T.) D 57, 4487(BR)(1)
- Yamawaki, Koichi** — (see Tsujimaru, Sho) D 57, 4942(15)
- Yamazaki, Yuki** — (see Kenmoku, Masakatsu) D 57, 4925(15)
- Yamin, P.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Yan, J.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Yan, Tung-Mow** — (see Pirjol, Dan) D 57, 1449(1)  
 — (see Pirjol, Dan) D 57, 5434(1)
- Yan, W. G.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Yanagida, T.** — (see Fukugita, M.) D 57, 4429(1)  
 — (see Kawasaki, M.) D 57, 6050(15)
- Yanagisawa, C.** — (see Abachi, S.) D 57, 589(BR)(1)
- Yang, C. M.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Yang, C. Y.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Yang, H.** — (see Bai, J. Z.) D 57, 28(1)
- Yang, J.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Yang, Jin Min** — (see Li, Chong Sheng) D 57, 2009(BR)(1)  
 — (see Oakes, Robert J.) D 57, 534(1)
- Yang, Kwei-Chou** — Weak decay process of  $B \rightarrow \rho l \bar{\nu}_l$ : A varying external field approach in QCD sum rules. D 57, 2983(1)
- Yang, Mao-Zhi** — (see Du, Dong-Sheng) D 57, R5332(1)
- Yang, W.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Yang, X. F.** — (see Bai, J. Z.) D 57, 3854(1)
- Yang, Ze-sen** — (see Zhu, Shi-lin) D 57, 1524(1)  
 — (see Zhu, Shi-lin) D 57, 1527(1)
- Yang, Zhang** — Factorial moment analyses in diffractive lepton-nucleon scattering. D 57, R1327(1)
- Yao, W.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Yasuda, O.** — (see Foot, R.) D 57, R1345(1)
- Yasuda, T.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Yasuoka, K.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Yasuta, Hirofumi** — (see Suzuki, Hiroshi) D 57, 2500(15)
- Ye, J.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Ye, M. H.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Ye, S. W.** — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)
- Ye, S. Z.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)
- Ye, Y.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)
- Ye, Y. X.** — (see Bai, J. Z.) D 57, 3854(1)
- Yee, Jae Hyung** — (see Hyun, Seungjoon) D 57, 6561(E)(15)
- Yeh, G. P.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Yeh, P.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)

- (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Yelton, J.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Yepes, P.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Yi, D.** — (see Aitala, E. M.) D 57, 13<sup>(1)</sup>  
**Yi, Jiang, Zhou Mian-Lai, Ma Wen-Gan, Han Liang, Zhou Hong, and Han Meng** — Probing flavor-changing interactions in photon-photon collisions. D 57, 4343<sup>(1)</sup>  
**Yi, K.** — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>  
**Yi, Piljin** — (see Henningson, Måns) D 57, 1291<sup>(15)</sup>  
**Yin, M.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
**Ying, H. P.** — (see Thron, C.) D 57, 1642<sup>(1)</sup>  
**Yoh, J.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Yonezawa, M.** — (see Kawasaki, M.) D 57, 1822<sup>(1)</sup>  
**Yonezawa, Y.** — (see Miura, M.) D 57, 5345<sup>(1)</sup>  
**Yosef, C.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Yoshida, H.** — (see Miura, M.) D 57, 5345<sup>(1)</sup>  
**Yoshida, S.** — (see Aitala, E. M.) D 57, 13<sup>(1)</sup>  
**Yoshida, T.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Yoshie, T.** — (see Aoki, S.) D 57, 3910<sup>(1)</sup>  
**Yoshikawa, C.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Yoshikawa, T.** — (see Kim, C. S.) D 57, 4010<sup>(1)</sup>  
**Young, Bing-Lin** — (see Datta, A.) D 57, 364<sup>(1)</sup>  
 — (see Oakes, Robert J.) D 57, 534<sup>(1)</sup>  
**Young, E. C. M.** — (see Wang, Bin) D 57, 5284(BR)<sup>(15)</sup>  
**Young, K.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>  
**Youssef, S.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Yovanovitch, D.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
**Yu, C. S.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>  
**Yu, C. X.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>  
**Yu, I.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Yu, J.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Yu, L.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
**Yu, P. K. N.** — (see Wang, Bin) D 57, 5284(BR)<sup>(15)</sup>  
**Yu, Y.** — (see Abachi, S.) D 57, 589(BR)<sup>(1)</sup>  
 — (see Abbott, B.) D 57, R3817<sup>(1)</sup>  
**Yu, Y. H.** — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>  
**Yu, Z. Q.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>  
**Yu, Z. T.** — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>  
**Yuan, C.-P.** — (see Balázs, C.) D 57, 6934<sup>(1)</sup>  
 — (see Boos, E.) D 57, 1553<sup>(1)</sup>  
 — (see Larios, F.) D 57, 3106<sup>(1)</sup>  
**Yuan, C. Z.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>  
**Yuan, Feng and Kuang-Ta Chao** — Diffractive  $J/\psi$  production as a probe of the gluon component in the Pomeron. D 57, 5658<sup>(1)</sup>  
 — , **Cong-Feng Qiao, and Kuang-Ta Chao** — Color-singlet and color-octet  $J/\psi$  production in top quark rare decays. D 57, 610(BR)<sup>(1)</sup>  
**Yuan, Y.** — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>  
**Yue, Chong-Xing** — (see Zhou, Hong-Yi) D 57, 4205<sup>(1)</sup>  
**Yue, Chongxing** — (see Lu, Gongru) D 57, 1755<sup>(1)</sup>  
**Yun, J. C.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
**Yurko, M.** — (see Alam, M. S.) D 57, 4467<sup>(1)</sup>  
 — (see Ammar, R.) D 57, 1350<sup>(1)</sup>  
 — (see Bishai, M.) D 57, 3847<sup>(1)</sup>  
 — (see Bliss, D. W.) D 57, 5903(BR)<sup>(1)</sup>  
 — (see Bonvicini, G.) D 57, 6604<sup>(1)</sup>  
 — (see Gronberg, J.) D 57, 33<sup>(1)</sup>  
 — (see Nemati, B.) D 57, 5363<sup>(1)</sup>  
**Yusa, K.** — (see Miura, M.) D 57, 5345<sup>(1)</sup>  
**Yushchenko, O. P.** — (see Likhoded, A. A.) D 57, 2974<sup>(1)</sup>  
  
**Zach, Martin, Manfred Faber, and Peter Skala** — Investigating confinement in dually transformed U(1) lattice gauge theory. D 57, 123<sup>(1)</sup>  
**Zafiris, E.** — (see Halliwell, J. J.) D 57, 3351<sup>(15)</sup>  
**Zahed, Ismail** — (see Steele, James V.) D 57, 1703<sup>(1)</sup>  
**Zaidi, H. and J. Gegenberg** — Back reaction of Hawking radiation on black hole geometry. D 57, 1112<sup>(15)</sup>  
**Zaldarriaga, Matias** — (see Hu, Wayne) D 57, 3290<sup>(15)</sup>  
**Zaliznyak, R.** — (see Aitala, E. M.) D 57, 13<sup>(1)</sup>  
**Zanchin, V., A. Maia, Jr., W. Craig, and R. Brandenberger** — Reheating in the presence of noise. D 57, 4651<sup>(15)</sup>  
**Zanetti, A.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Zappalà, Dario** — (see Bonanno, Alfio) D 57, 7383<sup>(15)</sup>  
**Zarembo, K.** — (see Agasyan, N. O.) D 57, 2475<sup>(15)</sup>  
**Zaslavskii, O. B.** — Entropy of quantum fields for nonextreme black holes in the extreme limit. D 57, 6265<sup>(15)</sup>  
**Zembrzuski, Andrzej** — (see Krawczyk, Maria) D 57, R10<sup>(1)</sup>  
**Żenczykowski, P.** — Weak radiative hyperon decays, Hara's theorem, and the diquark. D 57, 3163(BR)<sup>(1)</sup>  
**Zenoni, A.** — (see Bertin, A.) D 57, 55<sup>(1)</sup>  
**Zeppenfeld, D.** — (see Barger, V.) D 57, 391<sup>(1)</sup>  
 — (see Barger, V.) D 57, R3833<sup>(1)</sup>  
 — (see Iordanidis, K.) D 57, 3072<sup>(1)</sup>  
**Zerbini, Sergio** — (see Bytsenko, Andrei A.) D 57, 4917<sup>(15)</sup>  
 — (see Elizalde, Emilio) D 57, 7430<sup>(15)</sup>  
**Zervas, P. M.** — (see Boos, E.) D 57, 1553<sup>(1)</sup>  
**Zetti, F.** — (see Abe, F.) D 57, 67<sup>(1)</sup>  
 — (see Abe, F.) D 57, 1359<sup>(1)</sup>  
 — (see Abe, F.) D 57, R3811<sup>(1)</sup>  
 — (see Abe, F.) D 57, 5382<sup>(1)</sup>  
**Zhang, B. Y.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>  
**Zhang, C.** — (see Aitala, E. M.) D 57, 13<sup>(1)</sup>  
**Zhang, C. C.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3854<sup>(1)</sup>  
**Zhang, D. H.** — (see Bai, J. Z.) D 57, 28<sup>(1)</sup>  
 — (see Bai, J. Z.) D 57, 3187(E)<sup>(1)</sup>

- (see Bai, J. Z.) D 57, 3854(1)  
**Zhang, Da-Xin** — (see Blok, B.) D 57, 2691(1)  
**Zhang, Dehong** — (see Bai, J. Z.) D 57, 3854(1)  
**Zhang, H. L.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Zhang, J.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Zhang, J. L.** — (see Bai, J. Z.) D 57, 3854(1)  
**Zhang, J. W.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Zhang, L.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
**Zhang, L. S.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Zhang, Longzhe and J. L. Goity** — Decays  $K_L \rightarrow l^+ l^- l'^+ l'^-$  reexamined. D 57, 7031(BR)(1)  
**Zhang, Q. H.** — Three-pion interferometry in high energy collisions. D 57, 287(1)  
**Zhang, Q. J.** — (see Bai, J. Z.) D 57, 3854(1)  
**Zhang, Rui** — (see Dong, Hui-Shi) D 57, 6807(1)  
**Zhang, S.** — (see Abe, F.) D 57, 1359(1)  
**Zhang, S. Q.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Zhang, W.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
**Zhang, Wei-Min** — (see Cheng, Hai-Yang) D 57, 5598(1)  
 — (see Geng, C. Q.) D 57, 5697(1)  
**Zhang, X.** — (see Datta, A.) D 57, 364(1)  
 — (see Oakes, Robert J.) D 57, 534(1)  
**Zhang, X. Y.** — (see Bai, J. Z.) D 57, 3854(1)  
**Zhang, Y.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Zhang, Y. Y.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Zhao, D. X.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Zhao, H. W.** — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Zhao, J. W.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Zhao, M.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Zhao, P. D.** — (see Bai, J. Z.) D 57, 3187(E)(1)  
**Zhao, W. R.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Zhaomin, Wang** — (see Shaoshun, Wang) D 57, 3036(1)  
**Zheng, B.** — (see Okano, K.) D 57, 1411(1)  
**Zheng, J.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Zheng, J. P.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Zheng, L. S.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Zheng, Z. P.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Zhitnitsky, A. R.** — (see Shuryak, E. V.) D 57, 2001(BR)(1)  
**Zhou, Bang-Rong** — Electroweak symmetry restoration at high temperature in a four-generation fermion condensate scheme. D 57, 3171(BR)(1)  
**Zhou, G. J.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Zhou, G. P.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Zhou, H. S.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Zhou, Hong-Yi, Yu-Ping Kuang, Chong-Xing Yue, Hua Wang, and Gong-Ru Lu** — Testing technicolor models in top quark pair production at high energy photon colliders. D 57, 4205(1)  
 — (see Li, Chong Sheng) D 57, 2009(BR)(1)  
**Zhou, Jian-Ge** — (see Ohta, Nobuyoshi) D 57, R2040(15)  
**Zhou, L.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
**Zhou, X.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)  
**Zhou, X. F.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
**Zhou, Y. H.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
**Zhu, Jie-Jie and Tu-Nan Ruan** — Three-body amplitude analysis of the process  $a_2(1320) \rightarrow \pi^+ \pi^+ \pi^-$ . D 57, 5468(1)  
**Zhu, Q.** — (see Abachi, S.) D 57, 589(BR)(1)  
**Zhu, Q. M.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Zhu, Shi-lin, W-Y. P. Hwang, and Ze-sen Yang** — Possible  $\Sigma^0$ - $\Lambda$  mixing in the QCD sum rule. D 57, 1524(1)  
 — , **W-Y. P. Hwang, and Ze-sen Yang** —  $\Omega$  and  $\Sigma^0 \Lambda$  transition magnetic moment in QCD sum rules. D 57, 1527(1)  
**Zhu, Shou-Hua** — (see Li, Chong-Sheng) D 57, 6928(1)  
**Zhu, Y. C.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Zhu, Y. S.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Zhu, Z. H.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)  
**Zhuang, B. A.** — (see Bai, J. Z.) D 57, 28(1)  
 — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Bai, J. Z.) D 57, 3854(1)  
**Zhuang, Pengfei and Ulrich Heinz** — Equal-time hierarchies for quantum transport theory. D 57, 6525(15)  
**Zichichi, A.** — (see Kim, Jaewan) D 57, 373(1)  
**Zieminska, D.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)

- Zieminski, A.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Zimdahl, Winfried** — Cosmological particle production and generalized thermodynamic equilibrium. D 57, 2245(15)  
 — and **Diego Pavón** — Covariant cosmological perturbation dynamics in the large-scale limit. D 57, 7607(BR)(15)
- Zinovjev, G. M.** — (see Averchenkova, L. A.) D 57, 112(1)
- Zioulas, G.** — (see Bai, J. Z.) D 57, 3187(E)(1)  
 — (see Blanford, G.) D 57, 6649(1)
- Zlatev, Ivaylo, Greg Huey, and Paul J. Steinhardt** — Parametric resonance in an expanding universe. D 57, 2152(15)
- Zloshchastiev, Konstantin G.** — Monopole and electrically charged dust thin shells in general relativity: Classical and quantum comparison of hollow and atomlike configurations. D 57, 4812(15)
- Zoccoli, A.** — (see Bertin, A.) D 57, 55(1)
- Zoeller, M. M.** — (see Alam, M. S.) D 57, 4467(1)  
 — (see Ammar, R.) D 57, 1350(1)  
 — (see Bishai, M.) D 57, 3847(1)  
 — (see Bliss, D. W.) D 57, 5903(BR)(1)  
 — (see Bonvicini, G.) D 57, 6604(1)  
 — (see Gronberg, J.) D 57, 33(1)  
 — (see Nemati, B.) D 57, 5363(1)
- Zou, Bing-Song** — (see Li, Xue-Qian) D 57, 1518(1)
- Zucchelli, S.** — (see Abe, F.) D 57, 67(1)  
 — (see Abe, F.) D 57, 1359(1)  
 — (see Abe, F.) D 57, R3811(1)  
 — (see Abe, F.) D 57, 5382(1)
- Zuo-tang, Liang** — (see Boros, C.) D 57, 4491(BR)(1)
- Zupančič, Č.** — (see Abele, A.) D 57, 3860(1)
- Zverev, E. G.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)
- Zylberstejn, A.** — (see Abachi, S.) D 57, 589(BR)(1)  
 — (see Abbott, B.) D 57, R3817(1)