

Physics Department Publications

Fiscal Year 1991-92

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| 3084 | 7/2/91 | R. Colella
"Truncation-Rod Scattering: Analysis by the Dynamical Theory of X-ray Diffraction"
Phys. Rev. B <u>43</u> , No. 17, 13827-13832, June 15, 1991-I |
| 3085 | 7/2/91 | X.M. Chen and A.W. Overhauser
"Screening of the Coulomb Repulsion in Transition-Metal Oxides and Sulfides"
Phys. Rev. B <u>43</u> , No. 17, 14182-14187, June 15, 1991-I |
| 3086 | 7/2/91 | (R. Muralidhar), D.J. Jacobs, H. Nakanishi, et al.
"Diffusion on Two-Dimensional Percolation Clusters: Influence of Cluster Anisotropy"
Phys. Rev. A <u>43</u> , No. 12, 6503-6517, June 15, 1991 |
| 3087 | 7/5/91 | M. Villeret, S. Rodriguez, et al.
"Optical Absorption and Zeeman Effect of Cu^{2+} in Tetrahedrally Coordinated Crystals"
Phys. Rev. B <u>43</u> , No. 17, 14115-14123, June 15, 1991-I |
| 3088 | 7/22/91 | (M. Reshotko), G. Ascarelli, et al.
"Impurity Photoconduction, Excitons, and Effective Masses In Liquid Xenon"
Phys. Rev. B <u>43</u> , No. 17, 14174-14181, June 15, 1991-I |
| 3089 | 7/23/91 | A. Giacometti, et al.
"Renormalization Group Approach to Dynamical Properties of Hierarchical Networks"
Int. J. Mod. Phys. B <u>5</u> , No. 5, 709-750, (1991) |
| 3090 | 7/24/91 | (F. Abe), V.E. Barnes, A. Byon, A.F. Garfinkel, B.T Huffman
A.T. Laasanen, M.H. Schub, J. Tonnison, et al.
"Measurement of $\sigma B(W \rightarrow ev)$ and $\sigma B(Z^0 \rightarrow e^+e^-)$ in $\bar{p}p$ Collisions at $\sqrt{s} = 1800$ GeV"
Phys. Rev. D <u>44</u> , No. 1, 29-44, July 1, 1991 |
| 3091 | 7/25/91 | Y.E. Kim
"Surface Reaction Mechanism for Deuterium-Deuterium Fusion With a Gas/Solid-State Fusion Device"
Fusion Technology <u>19</u> , 558-566, May 1991 |
| 3092 | 8/5/91 | Q.N. Wang, D.D. Nolte, et al.
"Two-Wave Mixing in Photorefractive AlGaAs/GaAs Quantum Wells"
Appl. Phys. Lett. <u>59</u> , No. 3, 256-258, July 15, 1991 |

- 3093 8/9/91 (P. Avery), D. Bortoletto, W.-Y. Chen, J. Dominick, R.L. McIlwain, D.H. Miller, C.R. Ng, S.F. Schaffner, E.I. Shibata, I.P.J. Shipsey, W.-M. Yao, et al.
“Inclusive Production of the Charmed Baryon Λ_c^+ from e^+e^- Annihilations at $\sqrt{s} = 10.55$ GeV”
Phys. Rev. D 43, No. 11, 3599-3610, June 1, 1991
- 3094 8/13/91 M.K. Udo, C.R. LaBrec, and A.K. Ramdas
“Ultrashallow Acceptors in Neutron-Transmutation-Doped Silicon”
Phys. Rev. B 44, No. 4, 1565-1578, July 15, 1991-II
- 3095 8/23/91 M. Villeret, S. Rodriguez, et al.
“Anisotropy of the Magnetization of $\text{Cd}_{1-x}\text{Fe}_x\text{Te}$ ”
Phys. Rev. B 44, No. 1, 399-402, July 1, 1991-I
- 3096 8/26/91 Y.E. Kim, G.S. Chulick, R.A. Rice, et al.
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- 3097 8/26/91 Y.E. Kim, R.A. Rice, and G.S. Chulick, et al.
“Cluster-Impact Fusion With Cluster Beams”
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- 3098 8/28/91 Y.E. Kim, R.A. Rice, and G.S. Chulick
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- 3099 8/29/91 N. Giordano
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- 3100 9/6/91 (F. Abe), V.E. Barnes, S. Behrends, A. Byon, A.F. Garfinkel, S.E. Kuhlmann, A.T. Laasanen, M.H. Schub, et al.
“Measurement of QCD Jet Broadening in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV”
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“Study of Continuum D^{*+} Spin Alignment”
Phys. Rev. D 44, No. 3, 593-600, Aug. 1, 1991
- 3102 9/9/91 M. Villeret and S. Rodriguez
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- 3104 9/23/91 (M.G. Zreda), D. Elmore, et al.
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- 3105 10/8/91 R. Beger and E.W. Prohofsky
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 With Poly(dT-dA)-Poly(dT-dA): A Dynamic Enhancer-Repressor Action”
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- 3106 10/10/91 (J. Alexander), D. Bortoletto, W.-Y. Chen, J. Dominick,
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 “Study of the Decays $D^0 \rightarrow K\bar{K}, \pi\bar{\pi}$ ”
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- 3108 10/15/91 G. Ascarelli
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- 3109 10/16/91 P.M. Shand, A. Lewicki, I. Miotkowski, B.C. Crooker, et al.
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- 3110 10/16/91 (A.A. Bagneid), T.K. Kuo, and Gye T. Park
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 Family Model”
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- 3111 10/21/91 M.D. Gabriel, M.P. Haugan, et al.
 “New Test of Nonsymmetric Theories of Gravity: Observational Limits on
 Gravity-Induced Depolarization of Solar Spectral Lines”
 Phys. Rev. Lett. 67, No. 16, 2123-2126, Oct. 14, 1991
- 3112 10/23/91 E.I. Shibata, (CLEO Collaboration)
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 “Shock-Wave Impact Fusion With Cluster Beams”
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- 3114 10/30/91 R.G. Alonso, E. Oh, A.K. Ramdas, et al.
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- 3124 12/13/91 (A. Shimonaka), B. Howell, D. Koltick, I. Levine, et al.
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- 3128 12/20/91 (B. Rockwell), A.K. Ramdas, et al.
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- 3130 1/6/92 Y-J. Kim
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