PHYSICAL REVIEW C THIRD SERIES, VOLUME 61, NUMBER 6 JUNE 2000

ARTICLES

Nucleon-Nucleon Interaction, Few-Body Systems

Photodisintegration and electrodisintegration of ^{3}He at threshold and pd radiative capture *(18 pages)* 064001
M. Viviani, A. Kievsky, L. E. Marcucci, S. Rosati, and R. Schiavilla
Nucleon-nucleon interaction: Central potential and pion production *(8 pages)* 064002
C. M. Maekawa, J. C. Pupin, and M. R. Robilotta
Λ-neutron scattering lengths from radiative K^- capture *(15 pages)* 064003
W. R. Gibbs, S. A. Coon, H. K. Han, and B. F. Gibson
Direct reconstruction of p-p elastic scattering amplitudes at 1.8 and 2.1 GeV *(13 pages)* 064004
Nader Ghahramany and Ghasem Forozani
Restoration of rotational invariance of bound states on the light front *(10 pages)* 064005
Jason R. Cooke, Gerald A. Miller, and Daniel R. Phillips
Momentum space integral equations for three charged particles: Nondiagonal kernels *(30 pages)* 064006
A. M. Mukhamedzhanov, E. O. Alt, and G. V. Avakov
Virtual bremsstrahlung in proton-proton scattering below the pion-production threshold *(16 pages)* 064007
J. G. Messchendorp, J. C. S. Bacelar, M. J. van Goethem, M. N. Harakeh, M. Hoefman, H. Huisman, N. Kalantar-Nayestanaki, H. Löhner, R. W. Ostendorf, S. Schadmand, R. Turrisi, M. Volkerts, H. W. Wilschut, and R. S. Simon
Polarization phenomena in the reaction $NN \rightarrow NN\pi$ near threshold *(5 pages)* 064008
C. Hanhart, J. Haidenbauer, O. Krehl, and J. Speth
Isoscalar off-shell effects in threshold pion production from pd collisions *(6 pages)* 064009
L. Canton and W. Schadow
ηd scattering in the region of the S_{11} resonance *(6 pages)* 064010
H. Garcilazo and M. T. Peña
Electroproduction of the d^* dibaryon *(12 pages)* 064011
Chun Wa Wong

Nuclear Structure

Ground-γ band mixing and odd-even staggering in heavy deformed nuclei *(10 pages)* 064301
N. Minkov, S. B. Drenska, P. P. Raychev, R. P. Roussev, and Dennis Bonatsos
Isoscalar compression modes within fluid dynamic approach *(9 pages)* 064302
V. M. Kolomietz and S. Shlomo
Fermion and boson condensates in a QCD-inspired model Hamiltonian *(9 pages)* 064303
O. Civitarese, P. O. Hess, J. G. Hirsch, and M. Reboiro
Giant dipole resonance in neutron-rich nuclei within the phonon damping model *(7 pages)* 064304
Nguyen Dinh Dang, Toshio Suzuki, and Akito Arima
High-spin states in ^{109}Te: Competition between collective and single-particle excitations *(8 pages)* 064305
A. J. Boston, E. S. Paul, C. J. Chiara, M. Devlin, D. B. Fossan, S. J. Freeman, D. R. LaFosse, G. J. Lane, M. Leddy, I. Y. Lee, A. O. Macchiavelli, P. J. Nolan, D. G. Sarantites, J. M. Sears, A. T. Semple, J. F. Smith, and K. Starosta
Spontaneous symmetry breaking and the energy of nuclear isobaric analog states *(4 pages)* 064306
O. Civitarese, F. Montani, M. Reboiro, and H. Toki
Parity violating elastic electron scattering and neutron density distributions in the relativistic Hartree-Bogoliubov model *(10 pages)* 064307
D. Vretenar, P. Finelli, A. Ventura, G. A. Lalazissis, and P. Ring
Decay of the low-energy nuclear isomer ^{229}Th^m($3/2^+$,3.5 ± 1.0 eV) in solids (dielectrics and metals): A new scheme of experimental research *(6 pages)* 064308
Eugene V. Tkalya, Alexander N. Zherikhin, and Valerii I. Zhudov

(Continued)