PHYSICAL REVIEW C **THIRD SERIES, VOLUME 56, NUMBER 3** **SEPTEMBER 1997**

Band termination and second backbending in ^{50}Cr 1313
S. M. Lenzi, C. A. Ur, D. R. Napoli, M. A. Nagarajan, D. Bazzacco, D. M. Brink, M. A. Cardona, G. de Angelis, M. De Poli, A. Gadea, D. Hojman, S. Lunardi, N. H. Medina, and C. Rossi Alvarez

Study of excited states in ^{208}Pb by particle-γ coincidences with the ^{207}Pb$(d,p)^{208}$Pb and ^{209}Bi$(t,\alpha)^{208}$Pb reactions 1320
M. Schramm, K. H. Maier, M. Rejmund, L. D. Wood, N. Roy, A. Kuhnert, A. Aprahamian, J. Becker, M. Brinkman, D. J. Decman, E. A. Henry, R. Hoff, D. Manatt, L. G. Mann, R. A. Meyer, W. Stoeffl, G. L. Struble, and T.-F. Wang

Lowest four-quasiparticle magnetic dipole band in ^{128}Ba 1338
O. Vogel, A. Dewald, P. von Brentano, J. Gableske, R. Krücken, N. Nicolay, A. Gelberg, P. Petkov, A. Gizon, J. Gizon, D. Bazzacco, C. Rossi Alvarez, S. Lunardi, P. Pavan, D. R. Napoli, S. Frauendorf, and F. Dönau

Identification of ^{109}Mo and possible octupole correlations in ^{107,109}Mo 1344
J. K. Hwang, A. V. Ramayya, J. H. Hamilton, L. K. Peker, J. Kormicki, B. R. S. Babu, T. N. Ginter, G. M. Ter-Akopian, Yu. Ts. Oganessian, A. V. Daniel, W. C. Ma, P. G. Varmette, J. O. Rasmussen, S. J. Asztalos, S. Y. Chu, K. E. Gregorich, A. O. Macchiavelli, R. W. Macleod, J. Gilat, J. D. Cole, R. Aryaeinejad, K. Butler-Moore, M. W. Drigert, M. A. Stoyer, Y. X. Dardenne, J. A. Becker, L. A. Bernstein, R. W. Lougheed, K. J. Moody, S. G. Prussin, H. C. Griffin, and R. Donangelo

Possible deviation of the sum of strengths for the double giant dipole resonance from the harmonic oscillator limit 1350
N. Dinh Dang, A. Arima, V. G. Soloviev, and S. Yamaji

Enhanced T-odd, P-odd electromagnetic moments in reflection asymmetric nuclei 1357
V. Spevak, N. Auerbach, and V. V. Flambaum

Description of superdeformed nuclear states in the interacting boson model 1370
Yu-xin Liu, Jian-gang Song, Hong-zhou Sun, and En-guang Zhao

Structure of the vacuum in nuclear matter: A nonperturbative approach 1380
A. Mishra, P. K. Panda, S. Schramm, J. Reinhardt, and W. Greiner

α decay and shape coexistence in the α-rotor model 1389
J. D. Richards, T. Berggren, C. R. Bingham, W. Nazarewicz, and J. Wauters

Nuclear overlap functions determined by the asymptotic behavior of the one-body density matrix 1398
D. Van Neck, L. Van Daele, Y. Dewulf, and M. Waroquier

Microscopic study of the ground state properties of light nuclei 1410
Xinhua Bai and Jimin Hu

Polarized nuclear matter using extended Seyler-Blanchard potentials 1418
H. M. M. Mansour, M. Hammad, and M. Y. M. Hassan

Nuclear Reactions

Double-differential neutron emission cross sections of 14-MeV neutron induced reactions on Na and Pb 1424
A. Priller, P. Steier, A. Pavlik, B. Strohmaier, H. Vonach, A. Wallner, G. Winkler, and M. B. Chadwick

Tests of pseudospin symmetry via Coulomb excitation measurements on ^{187}Os and ^{189}Os 1438
A. M. Bruce, C. Thwaites, W. Gelletly, D. D. Warner, S. Albers, M. Eschenauer, M. Schimmer, and P. von Brentano

Entrance channel dependence of fragmentation dynamics in heavy-ion collisions 1444
C. B. Das, A. Das, M. Satpathy, and L. Satpathy

Particle production in quantum transport theories 1452
P. Bożek

Outer volume integrals and mean square radii of heavy ion optical potentials 1467
Mervat H. Simbel

Photoabsorption on a nucleon in the D_{13} resonance energy region 1472
Kazuyuki Ochi, Michihiro Hirata, and Takashi Takaki

(Continued)