

NUCLEAR SCIENCE AND ENGINEERING®

VOLUME 159, NUMBER 2, JUNE 2008

CONTENTS

TECHNICAL PAPERS

- 107** A Functional Monte Carlo Method for k -Eigenvalue Problems *Edward W. Larsen, Jinan Yang*
- 127** Linear and Quadratic Hexahedral Wavelets on the Sphere for Angular Discretizations of the Boltzmann Transport Equation *A. G. Buchan, C. C. Pain, M. D. Eaton, A. J. H. Goddard, R. P. Smedley-Stevenson*
- 153** Benchmark Calculation of WIMS/RFSP Against Physics Measurement Data of Wolsong Nuclear Power Plants *Hangbok Choi, Chang Je Park*
- 169** A Neutron Transport Benchmark in One-Dimensional Cylindrical Geometry: Revisited *B. D. Ganapol*
- 182** Measurements of Thermal Neutron Diffraction and Inelastic Scattering in Reactor-Grade Graphite *C. D. Bowman, D. C. Bowman, T. Hill, J. Long, A. P. Tonchev, W. Tornow, F. Trouw, Sven Vogel, R. L. Walter, S. Wender, V. Yuan*
- 199** Measurement of Neutron Capture Resonance Integrals on Bromine Isotopes *E. L. Dorval, M. A. Arribère, S. Ribeiro Guevara*
- 213** Modeling of High-Precision Neutron Nonelastic Cross Sections *F. S. Dietrich, J. D. Anderson, R. W. Bauer, S. M. Grimes, D. P. McNabb*

TECHNICAL NOTE

- 221** Identification of Optimal Number of Histogram Bars for Large Data Trends *Plamen V. Petkov*

CORRIGENDUM

- 228** Proliferation Resistance of Americium Originating from Spent Irradiated Reactor Fuel of Pressurized Water Reactors, Fast Reactors, and Accelerator-Driven Systems with Different Fuel Cycle Options *G. Kessler*