

NUCLEAR SCIENCE AND ENGINEERING®

VOLUME 124, NUMBER 3, NOVEMBER 1996

CONTENTS

TECHNICAL PAPERS

- 369** A Hybrid Multigroup/Continuous-Energy Monte Carlo Method for Solving the Boltzmann-Fokker-Planck Equation *J. E. Morel, Leonard J. Lorence, Jr., Ronald P. Kensek, John A. Halbleib, D. P. Sloan*
- 390** Higher Order Fokker-Planck Operators *G. C. Pomraning*
- 398** Forward-Adjoint Monte Carlo Coupling with No Statistical Error Propagation *S. N. Cramer*
- 417** Wavelet Theory for Solution of the Neutron Diffusion Equation *Nam Zin Cho, Chang Je Park*
- 431** The Derivation and Proper Use of Stewart's Formula for Thermal Neutron Self-Shielding in Scattering Media *M. Blaauw*
- 436** Mass Spectrometric Measurements of Fission Product Effusion from Irradiated Light Water Reactor Fuel *F. Capone, J. P. Hiernaut, M. Martellenghi, C. Ronchi*
- 455** Systematic Evaluation of Neutron Shielding Effects for Materials *K. Ueki, A. Ohashi, N. Nariyama, S. Nagayama, T. Fujita, K. Hattori, Y. Anayama*
- 465** Thermalization of Neutrons in Graphite: Status and Error Analysis *F. C. Difilippo, J. P. Renier, B. A. Worley*
- 473** Kinetics of Dissolution of Uranium Metal Foil by Alkaline Hydrogen Peroxide *Daojie Dong, George F. Vandegrift*
- 482** Fission Cross-Section Measurements of the Odd-Odd Isotopes ^{232}Pa , ^{238}Np , and ^{236}Np *Y. Danon, M. S. Moore, P. E. Koehler, P. E. Littleton, G. G. Miller, M. A. Ott, L. J. Rowton, W. A. Taylor, J. B. Wilhelmy, M. A. Yates, A. D. Carlson, N. W. Hill, R. Harper, R. Hilko*

TECHNICAL NOTE

- 492** Statistical Model Calculations of the ^{232}U Fission Cross Section *Vladimir M. Maslov, Yasuyuki Kikuchi*

498 TECHNICAL REVIEWERS

501 VOLUME 124 AUTHOR AND SUBJECT INDEXES