

NUCLEAR SCIENCE AND ENGINEERING®

VOLUME 139, NUMBER 2, OCTOBER 2001

CONTENTS

TECHNICAL PAPERS

- | | | |
|-----|---|---|
| 111 | High-Resolution Transmission Measurements of ^{233}U Using a Cooled Sample at the Temperature $T = 11\text{ K}$ | <i>K. H. Guber, R. R. Spencer,
L. C. Leal, P. E. Koehler,
J. A. Harvey, R. O. Sayer,
H. Derrien, T. E. Valentine,
D. E. Pierce, V. M. Cauley,
T. A. Lewis</i> |
| 118 | Conceptual Design of a Fluidized Bed Nuclear Reactor | <i>J. L. Kloosterman,
V. V. Golovko, H. van Dam,
T. H. J. J. van der Hagen</i> |
| 138 | Conceptual Neutronic Design of a Lead-Bismuth–Cooled Actinide Burning Reactor | <i>Pavel Hejzlar, Michael J. Driscoll,
Mujid S. Kazimi</i> |
| 156 | The Analytic Function Expansion Nodal Method Refined with Transverse Gradient Basis Functions and Interface Flux Moments | <i>Sweng Woong Woo,
Nam Zin Cho, Jae Man Noh</i> |
| 174 | Numerical Optimization of Computing Algorithms of the Variational Nodal Method Based on Transformation of Variables | <i>W. S. Yang, G. Palmiotti,
E. E. Lewis</i> |
| 186 | Analytic Radiation Transport Systems and Monte Carlo Benchmarks | <i>S. N. Cramer</i> |
| 209 | Measurement of Neutron and Gamma-Ray Absorbed Doses Under Criticality Accident Conditions at TRACY Using Tissue-Equivalent Dosimeters | <i>Hiroki Sono, Hiroshi Yanagisawa,
Akio Ohno, Takuji Kojima,
Noboru Soramasu</i> |
| 221 | An Improved Model for Assessing the Effectiveness of Hydrogen Water Chemistry in Boiling Water Reactors | <i>Tsung-Kuang Yeh, Fang Chu</i> |