TECHNICAL PAPERS

221 Application of Light Water Reactor Core/Reflector Boundary Conditions
M. Segev

231 On the Asymptotic Stability of Nuclear Reactors with Arbitrary Feedback
Turan B. Enginol

236 Dynamic Modeling and Optimum Level Controller Design for Steam Generators in Pressurized Water Reactors
Gyoo Won Suh, Hee Cheon No

248 Monte Carlo Sampling of Compton Scatter Off Moving Electrons
Thomas E. Booth, John S. Hendricks

256 A Different Approach for the Application of Monte Carlo Methods to Electron Transport
S. K. Gupta, M. A. Prasad

263 A Nodal Diffusion Technique for Synthetic Acceleration of Nodal $S_n$ Calculations
Hussein Khalil

281 Neutron Skyshine from Intense 14-MeV Neutron Source Facility
Takashi Nakamura, Yoshitomo Uwamino, Katsumi Hayashi, Atsushi Torii, Masahiko Ueda, Akito Takahashi

298 Neutron Capture and Fission in $^{254}$Es

304 Measurement of the Neutron Cross Sections for the Reactions $^{169}$Tm($n,2n$)$^{168}$Tm, $^{169}$Tm($n,3n$)$^{167}$Tm, and $^{181}$Ta($n,2n$)$^{180}$Ta
Lu Han-Lin, Zhao Wen Rong, Fan Pei Guo

311 Total Charged-Particle Emission Cross Sections for 9.4- and 11-MeV Neutron Bombardment of Type 316 Stainless Steel
Munir Ahmad, S. L. Graham, S. M. Grimes, H. Satyanarayana, S. K. Saraf, S. Stricklin

320 Equilibrium Relationships in the Uranium-Tungsten-Oxygen System in Oxygen Partial Pressures from 0.01 to 1 atm
A. M. Gadalla, N. A. L. Mansour

(Continued)
TECHNICAL NOTES

330  A Comparison of Different Concepts of Integral Experiments for Fusion Reactor Blanket Design  A. Goldfeld, A. Tsechanski, G. Shani

341  Derivation of the n’th Order Uncertainty Analysis for Normally Distributed Parameters  Yigal Ronen