

Nuclear Science and Engineering

VOLUME 187 · NUMBER 3 · SEPTEMBER 2017

Contents

TECHNICAL PAPERS

- 213** Core Design and Analysis of Axially Heterogeneous Boiling Water Reactor for Burning Transuranium Elements
T. Hino, J. Miwa, T. Mitsuyasu, Y. Ishii, M. Ohtsuka, K. Moriya, K. Shirvan, V. Seker, A. Hall, T. Downar, P. M. Gorman, M. Fratoni, E. Greenspan
- 240** Coarse Mesh Rebalance Acceleration Applied to an Iterative Domain Decomposition Method on Unstructured Mesh
N. Odry, J.-J. Lautard, J.-F. Vidal, G. Rimpault
- 254** Verification of the Parallel Pin-Wise Core Simulator pCTF/PARCSv3.2 in Operational Control Rod Drop Transient Scenarios
Enrique Ramos, Jose E. Roman, Agustín Abarca, Rafael Miró, Juan A. Bermejo, Alberto Ortego, Jose M. Posada
- 268** MC²-3: Multigroup Cross Section Generation Code for Fast Reactor Analysis
Changho Lee, Won Sik Yang
- 291** Simultaneous Measurement of ²³⁵U Fission and Capture Cross Sections From 0.01 eV to 3 keV Using a Gamma Multiplicity Detector
Y. Danon, D. Williams, R. Bahran, E. Blain, B. McDermott, D. Barry, G. Leinweber, R. Block, M. Rapp
- 302** Measurement and Estimation of Cross Sections for ⁵⁵Mn(n, γ)⁵⁶Mn and ⁶⁵Cu(n, γ)⁶⁶Cu Reactions Using Accelerator-Based Neutron Source
Mehdi S. Barough, V. D. Bharud, B. J. Patil, F. M. D. Attar, V. N. Bhoraskar, S. D. Dhole

INDEXES/CONTENTS

- 312** Author Index
- 313** Subject Index

iii Contents of Volume 187