

Nuclear Science and Engineering

VOLUME 193 · NUMBER 12 · DECEMBER 2019

Contents

TECHNICAL PAPERS

- 1291** Polar Parity for Efficient Evaluation of Anisotropic Transverse Leakage in the 2D/1D Transport Method
Michael Jarrett, Brendan Kochunas, Edward Larsen, Thomas Downar
- 1310** Coupled Neutron and Gamma Heating Calculation Based on VARIANT Transport Solutions
P. Deng, B. K. Jeon, H. Park, W. S. Yang
- 1339** The Asymptotic Diffusion Limit of Numerical Schemes for the S_N Transport Equation
Dean Wang
- 1355** A Directional Detector Response Function for Anisotropic Detectors
Cihangir Celik, Douglas E. Peplow, Gregory G. Davidson, Mathew W. Swinney
- 1371** Acceleration of the Power Method with Dynamic Mode Decomposition
Jeremy A. Roberts, Leidong Xu, Rabab Elzohery, Mohammad Abdo
- 1379** CFD Simulations of Molten Salt Reactor Experiment Core
Krishna Podila, Qi Chen, Yanfei Rao
- 1394** Application of Linear Combination Method to Pulsed Neutron Source Measurement at Kyoto University Critical Assembly
Ryota Katano, Masao Yamanaka, Cheol Ho Pyeon
- 1403** Critical Mass Flux of Subcooled Liquid Leakage in a Nuclear Plant
Songtao Yin, Hongdong Zhen, Lei Zhang, Bo Cheng, Ningning Wang, Haijun Wang