

# Nuclear Science and Engineering

VOLUME 193 · NUMBER 8 · AUGUST 2019

## Contents

### TECHNICAL PAPERS

- 803** Iteration Methods with Multigrid in Energy for Eigenvalue Neutron Diffusion Problems  
*Luke R. Cornejo, Dmitriy Y. Anistratov, Kord Smith*
- 828** Consistent pCMFD Acceleration Schemes of the Three-Dimensional Transport Code PROTEUS-MOC  
*Guangchun Zhang, Albert Hsieh, Won Sik Yang, Yeon Sang Jung*
- 854** Calculating Time Eigenvalues of the Neutron Transport Equation with Dynamic Mode Decomposition  
*Ryan G. McClarren*
- 868** A New Approach to Monte Carlo in High Temperature Reactors  
*Indrajeet Singh, S. B. Degweker, Amod Kishore Mallick, Anurag Gupta*
- 884** Key Results from Detailed Nondestructive Examinations of 25 Pressurized Water Reactor High Burnup Spent Nuclear Fuel Rods  
*Rose Montgomery, Robert N. Morris, Bruce Bevard, John Scaglione*
- 903** Tantalum, Titanium, and Zirconium Neutron Total Cross-Section Measurements from 0.4 to 25 MeV  
*M. J. Rapp, D. P. Barry, G. Leinweber, R. C. Block, B. E. Epping, T. H. Trumbull, Y. Danon*
- 916** An Estimation of Volatile Iodine in a Pool at Low pH and High Iodide Concentrations Under Irradiation  
*Thi Thanh Thuy Nguyen, Kwang Soon Ha, Jin Ho Song, Sung Il Kim*