

NUCLEAR SCIENCE AND ENGINEERING®

VOLUME 179, NUMBER 2, FEBRUARY 2015

CONTENTS

TECHNICAL PAPERS

- | | | |
|------------|--|---|
| 119 | A Novel Experimental Method for Validating Neutron Initiation Probability | <i>Liu Xiaobo, Fan Xiaoqiang, Peng Xianjue, Du Jinfeng, Gao Hui</i> |
| 130 | Uncertainty in the Fast Neutron Fluence in Function of the Fission Source and Its Burnup Dependence | <i>Claude Mounier, Pietro Mosca</i> |
| 148 | Lumping Techniques for DFEM S_N Transport in Slab Geometry | <i>Peter G. Maginot, Jean C. Ragusa, Jim E. Morel</i> |
| 164 | Calculation and Evaluation of Energy Spectra and Double-Differential Cross Sections for $p+^{90}\text{Zr}$ Reactions up to 200 MeV | <i>Juan Li, Zhengjun Zhang, Yinlu Han</i> |
| 186 | Eigenvalue Implicit Sensitivity to Self-Shielding Calculations in Heterogeneous Geometries | <i>M. Dion, G. Marleau</i> |
| 199 | Lithium Adsorption on Magnetite, Lepidocrocite, and Maghemite at Elevated Temperatures | <i>Liyan Qiu, Anthony P. Snaglewski</i> |
| 211 | Critical Strains and Necking Phenomena for Steel Sheets Under Biaxial Loading During Accidents in Nuclear Power Plants | <i>D. Ostermann, C. Krumb, R. Krieg</i> |

