Contents

CRITICAL REVIEW

203 A Review of Molten Salt Reactor Kinetics Models
   Daniel Wooten, Jeffrey J. Powers

TECHNICAL PAPERS

231 Singular Eigenfunction Expansion Solution for Time-Dependent Neutron Transport with
   Delayed Neutrons
   Jeffery D. Densmore

248 Variance Estimation in Monte Carlo Eigenvalue Simulations Using Spectral Analysis Method
   Lei Jin, Kaushik Banerjee

262 Calculation and Evaluations for \( n + \text{\(^{64,66,67,68,70}\text{nat}Zn} \) Reactions
   Jiaqi Hu, Yongli Xu, Yinlu Han

282 Investigation of \((n, \alpha)\) Reaction Cross Sections for a Number of Structural Material Isotopes
   Tatiana Khromyleva, Ivan Bondarenko, Alexander Gurbich, Vladimír Kettlerov, Vitaly Khryachkov, Pavel Prusachenko

COMPUTER CODE ABSTRACT

291 Developing a Full-Core MCNP6 and RELAP5 Model of the European Pressurized Reactor
   Using NWURCS
   Maria Hendrina Du Toit, Vishana Vivian Naicker

INDEXES/CONTENTS

305 Author Index

306 Subject Index

iii Contents of Volume 191