

NUCLEAR SCIENCE AND ENGINEERING®

VOLUME 95, NUMBER 2, FEBRUARY 1987

CONTENTS

TECHNICAL PAPERS

- 83** Stochastic Neutron Transport Theory: Neutron Counting Statistics in Nuclear Assemblies *Jose-Luis Muñoz-Cobo,
R. B. Perez,
Gumersindo Verdu*
- 106** Fourier Analysis of the Diffusion Synthetic Acceleration Method for Weighted Diamond-Differencing Schemes in Cartesian Geometries *Y. Y. Azmy,
Edward W. Larsen*
- 116** Systematics of Neutron Emission Spectra from High-Energy Proton Bombardment *S. Pearlstein*
- 128** The Production of ^{38}Ar and ^{39}Ar by 14-MeV Neutrons on ^{39}K *K. A. Foland, R. J. Borg,
M. G. Mustafa*
- 135** Hadronic Event Generation for Hadron Cascade Calculations and Detector Simulation—Part IV: The Application of the Intranuclear Cascade Model to Reactions of Pions, Nucleons, Kaons, and Their Antiparticles with Nuclei Below 6 GeV/c *K. Hänßgen*

TECHNICAL NOTE

- 148** Adjoint Versus Forward Solution of Anisotropic Transport Problems *Z. Shayer, E. Greenspan*

COMPUTER CODE ABSTRACT

- 152** DANDE—A Linked General Code System for Core Neutronics/Depletion Analysis *R. J. LaBauve,
T. R. England, D. C. George,
R. E. MacFarlane,
W. B. Wilson*