

NUCLEAR SCIENCE AND ENGINEERING®

VOLUME 126, NUMBER 3, JULY 1997

CONTENTS

TECHNICAL PAPERS

- 245** Advances in the Development of a Subgroup Method for the Self-Shielding of Resonant Isotopes in Arbitrary Geometries *Alain Hébert*
- 264** Exponential Characteristic Nonlinear Radiation Transport Method for Unstructured Grids of Triangular Cells *Kirk A. Mathews, Charles R. Brennan*
- 282** Variational Estimates for Use with the Improved Quasistatic Method for Reactor Dynamics *J. A. Favorite, W. M. Stacey, Jr.*
- 293** The Green's Function Method for Nuclear Engineering Applications *Drew E. Kornreich, Barry D. Ganapol*
- 314** A Measurement-Based Method to Determine the Photofission Contribution to Fission Rate *R. Venkataraman, R. F. Fleming, E. D. McGarry*
- 324** Delayed Neutron Energy Spectra of ^{87}Br , ^{88}Br , ^{89}Br , ^{90}Br , ^{137}I , ^{138}I , ^{139}I , and ^{136}Te *R. C. Greenwood, K. D. Watts*
- 333** The Potential of Accelerator-Driven Systems for Transmutation or Power Production Using Thorium or Uranium Fuel Cycles *M. Salvatores, I. Slessarev, A. Tchistiakov, G. Ritter*

TECHNICAL NOTE

- 341** Evidence of Source Dominance in the Dynamic Behavior of Accelerator-Driven Systems *R. A. Rydin, M. L. Woosley, Jr.*
- 345** VOLUME 126 AUTHOR AND SUBJECT INDEXES