

NUCLEAR SCIENCE AND ENGINEERING®

VOLUME 112, NUMBER 4, DECEMBER 1992

CONTENTS

TECHNICAL PAPERS

- 283** The Response History Monte Carlo Method for Electron Transport *Clinton T. Ballinger, James A. Rathkopf, William R. Martin*
- 296** Slowing-Down Time of Fast Electrons in Plasmas via the Fokker-Planck Equation *S. Manservigi, V. G. Molinari*
- 301** Nonnegativity of the Anisotropic Scattering Source in Two-Angle (μ, φ) Transport *R. Borsari, R. Fioresi, T. Trombetti*
- 321** Asymptotic Analysis of the Finite Moments Transport Method in Optically Thick Media *Ahmed Badruzzaman*
- 336** The Asymptotic Diffusion Limit of Discretized Transport Problems *Edward W. Larsen*
- 347** An Asymptotic Model for the Spreading of a Collimated Beam *G. C. Pomraning, A. K. Prinja, J. W. VanDenburg*
- 361** Adaptive Integral Equation Methods in Transport Theory *C. T. Kelley*
- 369** A Simple Derivation of the Neutron Transport Equation *Imre Pázsit*
- 375** On Convergence to Equilibrium for Solutions to the Linear, Space-Inhomogeneous Boltzmann Equation *Rolf Pettersson*
- 383** L_1 Convergence of the Discrete Ordinates for the Neutron Transport Equation in an Infinite Cylindrical Domain *Mohammad Asadzadeh*
- 392** Complex Chemical Reactions: A Probabilistic Approach *L. Rondoni*

404 TECHNICAL REVIEWERS

407 VOLUME 112 AUTHOR AND SUBJECT INDEXES