

List of Forthcoming Articles

- COMPUTATIONAL PROCEDURE FOR STURM-LIOUVILLE PROBLEMS. M. D. Mikhailov and N. L. Vulchanov, *Applied Mathematics Centre, P.O. Box 384, Sofia, BULGARIA.*
- MULTISLAB MULTIGROUP TRANSPORT THEORY WITH L-TH ORDER ANISOTROPIC SCATTERING. R. D. M. Garcia and C. E. Siewert, *Departments of Nuclear Engineering and Mathematics, North Carolina State University, Raleigh, North Carolina 27650, USA.*
- A NUMERICAL METHOD BASED ON THE FOURIER-FOURIER TRANSFORM APPROACH FOR MODELING 1-D ELECTROSTATIC PLASMA EVOLUTION. A. J. Klimas, *Laboratory for Extraterrestrial Physics, NASA Goddard Space Flight Center, Greenbelt, MS 20771, USA.*
- SELF-ADJUSTING GRID METHODS FOR ONE-DIMENSIONAL HYPERBOLIC CONSERVATION LAWS. Ami Harten and J. M. Hyman, *T-7, Mail Stop B284, Los Alamos National Laboratory, Los Alamos, NM 87545, USA.*
- A NUMERICAL ALGORITHM FOR SOLVING INVERSE PROBLEMS OF TWO-DIMENSIONAL WAVE EQUATIONS. Y. M. Chen, *Department of Applied Mathematics and Statistics, State University of New York, Stony Brook, NY 11794, USA;* and J. Q. Liu, *Department of Applied Mathematics, Harbin Institute of Technology, Harbin, PEOPLE'S REPUBLIC OF CHINA.*
- TECHNICAL IMPROVEMENTS FOR DIRECT NUMERICAL SIMULATION OF HOMOGENEOUS 3-DIMENSIONAL TURBULENCE. C. Basdevant, *École Normale Supérieure, Laboratoire de Météorologie Dynamique, 24, rue Lhomond, 75231 Paris Cedex 05, FRANCE.*
- APPLICATION OF THE MULTIGRID METHOD TO POISSON'S EQUATION IN BOUNDARY-FITTED COORDINATES. S. Ohring, *Code 1843, David W. Taylor Naval Ship Research and Development Center, Bethesda, MD 20084, USA.*
- ON ONE-DIMENSIONAL STRETCHING FUNCTIONS FOR FINITE-DIFFERENCE CALCULATIONS. Marcel Vinokur, *Mail Stop 202A-1, NASA-Ames Research Center, Moffett Field, CA 94035, USA.*
- GENERATION OF BOUNDARY-FITTED CURVILINEAR COORDINATE SYSTEMS FOR A TWO-DIMENSIONAL AXISYMMETRIC FLOW PROBLEM. S. Uchikawa, *Energy Research Laboratory, Hitachi, Ltd., 1168 Moriyama-cho, Hitachi-shi, Ibaragi 316, JAPAN.*
- QUIET STARTS FOR GALAXY SIMULATIONS. J. A. Sellwood, *Institute of Astronomy, Madingley Road, Cambridge CB3 0HA, ENGLAND.*