

List of Forthcoming Articles

- THE ALGORITHM FOR THREE-DIMENSIONAL VORONOI POLYHEDRA. N. N. Medvedev, *Inst. of Chemical Kinetics & Combustion, USSR Academy of Sciences, Novosibirsk, USSR.*
- A RELAXATION APPROACH TO PATCHED-GRID CALCULATIONS WITH THE EULER EQUATIONS. Man Mohan Rai, *Informatics General Corporation, NASA Ames Research Center, Moffett Field, CA, USA.*
- A BLOCK PRECONDITIONED CONJUGATE GRADIENT TYPE ITERATIVE SOLVER FOR LINEAR SYSTEMS IN THERMAL RESERVOIR SIMULATION. Srinivas Bettc and William R. Jines, *Mobil R&D Corporation, Dallas, TX, USA*; Julio C. Diaz, *University of Oklahoma, Norman, OK, USA*; Trond Steihaug, *Statoil, Stavanger, NORWAY.*
- ELEMENTS OF A COMPUTATIONAL THEORY FOR GLACIERS. S. Yakowitz, *University of Arizona, Tucson, AZ, USA*; K. Hutter, *ETH, Laboratory of Hydraulics, Hydrology, and Glaciology, Zurich, SWITZERLAND*; S. Szidarovszky, *University of Agriculture, Budapest, HUNGARY.*
- ACCELERATING THE CONVERGENCE OF AN ITERATIVE METHOD FOR DERIVATIVES OF EIGENSYSTEMS. Roger C. E. Tan, *La Trobe University, Bundoora, Victoria, AUSTRALIA.*
- AN INTEGRAL EQUATION TECHNIQUE FOR THE EXTERIOR AND INTERIOR NEUMANN PROBLEM IN TOROIDAL REGIONS. Peter Merkel, *Max-Planck-Institut für Plasmaphysik, Munich, WEST GERMANY (FRG).*
- AN IMPLICIT MONTE CARLO SCHEME FOR CALCULATING TIME DEPENDENT LINE TRANSPORT. E. D. Brooks, III and J. A. Fleck, Jr., *University of California, Lawrence Livermore National Laboratory, Livermore, CA, USA.*
- QUASI-ANALYTICAL METHOD FOR SOLVING NON-LINEAR DIFFERENTIAL EQUATIONS FOR TURBULENT SELF-CONFINED MAGNETO-PLASMAS. M. Mauier & A. Hayd, *Neue Technologie, Munich, West Germany*; H. J. Kaeppler, *University of Stuttgart, Stuttgart, WEST GERMANY.*
- COMPUTATION OF TURBULENT SUPERSONIC FLOWS AROUND POINTED BODIES HAVING CROSSFLOW SEPARATION. David Degani, *Technion, Israel Institute of Technology, Haifa, Israel*; Lewis B. Schiff, *NASA Ames Research Center, Moffett Field, CA, USA.*
- A RELATIVISTIC MULTIREGION BOUNCE-AVERAGED FOKKER-PLANCK CODE FOR MIRROR PLASMAS. Y. Matsuda and J. J. Stewart, *University of California, Lawrence Livermore National Laboratory, Livermore, CA, USA.*
- NUMERICAL METHOD FOR UNITARY SYSTEMS. Edward J. Shipsey, *University of Texas, Austin, TX, USA.*
- STUDIES IN NUMERICAL NONLINEAR INSTABILITY II: A NEW LOOK AT $u_t + uu_x = 0$. F. Vardillo, *Universidad del Pais Vasco, Bilbao, Spain*; J. M. Sanz-Serna, *Universidad de Valladolid, Valladolid, SPAIN.*
- NUMERICAL SOLUTION OF TWO-DIMENSIONAL STOKES EQUATIONS FOR FLOW WITH PARTICLES IN A CHANNEL OF ARBITRARY SHAPE USING BOUNDARY-CONFORMING COORDINATES. A. S. Dvinsky, *Creare, Incorporated, Hanover, NH, USA*; A. S. Popel, *Johns Hopkins University, Baltimore, MD, USA.*
- A TIME-IMPLICIT MONTE-CARLO COLLISION ALGORITHM FOR PARTICLE-IN-CELL ELECTRON TRANSPORT MODELS. C. W. Cranfill & S. R. Goldman, *Los Alamos National Laboratory, Los Alamos, NM, USA*; J. U. Brackbill, *Brown University, Providence, RI, USA.*