

List of Forthcoming Articles

- A COMPARISON OF FINITE-ELEMENT METHODS FOR SOLVING FLOW PAST A SPHERE. K. A. Cliffe and D. A. Lever, *AERE Harwell, Didcot, ENGLAND*.
- CONTINUOUS ORTHONORMALIZATION FOR BOUNDARY VALUE PROBLEMS. Gunter H. Meyer, *Georgia Institute of Technology, Atlanta, GA, USA*.
- A MIXED PSEUDOSPECTRAL/FINITE DIFFERENCE METHOD FOR THE AXISYMMETRIC FLOW IN A HEATED, ROTATING SPHERICAL SHELL. M. G. Macaraeg, *NASA Langley Research Center, Hampton, VA, USA*.
- CONFORMAL-MAPPING-BASED COORDINATE GENERATION METHOD FOR FLOWS IN PERIODIC CONFIGURATIONS. J. M. Floryan, *The University of Western Ontario, London, Ontario, CANADA*.
- AN ALGORITHM FOR THE SIMULATION OF TRANSIENT VISCOELASTIC FLOWS WITH FREE SURFACES. Roland Keunings, *Lawrence Berkeley Laboratory, Berkeley, CA, USA*.
- RELATIVISTIC INELASTIC SCATTERING USING A LOGARITHMIC GRID. D. M. Turner, *CERL, Leatherhead, Surrey, UK*; D. F. Mayers, *Oxford University, Oxford, UK*.
- THE CONVERGENCE PROPERTIES AND STOCHASTIC CHARACTERISTICS INHERENT IN FORCE-BIASED AND IN METROPOLIS MONTE CARLO SIMULATIONS ON LIQUIDS. Saul Goldman, *University of Guelph, Guelph, Ontario, CANADA*.
- A CONSERVATIVE TREATMENT OF ZONAL BOUNDARIES FOR EULER EQUATION CALCULATIONS. Man Mohan Rai, *Informatics General Corp., NASA Ames Research Center, Moffett Field, CA, USA*.
- AN IMPLICIT-EXPLICIT HYBRID METHOD FOR LAGRANGIAN HYDRODYNAMICS. Bruce A. Fryxell, *University of Chicago, Chicago, IL, USA*; PAUL R. WOODWARD, *Lawrence Livermore National Laboratory, University of California, Livermore, CA, USA*; Phillip Colella, *Lawrence Berkeley Laboratory, University of California, Berkeley, CA, USA*; Karl-Heinz Winkler, *Max-Planck-Institut für Physik und Astrophysik, Garching b. München, WEST GERMANY*.
- THE RANDOM CHOICE METHOD APPLIED TO TWO-DIMENSIONAL SHOCK FOCUSING AND DIFFRACTION. H. Olivier and H. Gronig, *Rheinisch-Westfälische Technische Hochschule Aachen, WEST GERMANY*.
- A STABLE HIGHLY ACCURATE ADI METHOD FOR HYPERBOLIC HEAT CONDUCTION EQUATION. Andrzej B. Jarzebski and Jan W. Thullie, *Polish Academy of Sciences, 44-100 Gliwice, POLAND*.
- AN EFFICIENT NUMERICAL EVALUATION OF THE GREEN'S FUNCTION FOR THE HELMHOLTZ OPERATOR ON PERIODIC STRUCTURES. Kirk E. Jordan and Ping Sheng, *EXXON Research and Engineering Company, Amundale, NJ, USA*; Gerard R. Richter, *Rutgers University, New Brunswick, NJ, USA*.
- SOME PRACTICAL CONSIDERATIONS IN THE USE OF METROPOLIS AND FORCE-BIASED MONTE CARLO SIMULATIONS ON LIQUIDS. Shri Singh, *Banaras Hindu University, Varanasi, INDIA*; Saul Goldman, *University of Guelph, Guelph, Ontario, CANADA*.
- CONKUB: A CONVERSATIONAL PATH-FOLLOWER FOR SYSTEMS OF NONLINEAR EQUATIONS. R. Mejia, *National Institutes of Health, Bethesda, MD, USA*.
- AN INVERSE METHOD FOR SUBCRITICAL FLOWS. Prabir K. Daripa and Lawrence Sirovich, *Brown University, Providence, RI, USA*.