

List of Forthcoming Articles

- A FAST ICE SOLUTION PROCEDURE FOR FLOWS WITH LARGELY INVARIANT COMPRESSIBILITY. Charles C. Miao and T. G. Theofanous, *School of Nuclear Engineering, Purdue University, West Lafayette, IN 47907, USA.*
- NUMERICAL RADIATION BOUNDARY CONDITIONS FOR UNSTEADY TRANSONIC FLOW. Bjorn Engquist, *Department of Mathematics, University of California, Los Angeles, CA 90024;* and Andrew Majda, *Department of Mathematics, University of California, Berkeley, CA 94720, USA.*
- CONVERGENCE OF FOURIER METHODS FOR NAVIER-STOKES EQUATIONS. Ole H. Hald, *Department of Mathematics, University of California, Berkeley, CA 94720, USA.*
- ITERATIVE SOLUTION OF VOLTERRA INTEGRAL EQUATIONS USING CLENSHAW-CURTIS EQUATIONS. G. A. Evans, J. Hyslop, and A. P. G. Morgan, *Department of Mathematics, University of Technology, Loughborough, Leicestershire LE11 3TU, ENGLAND.*
- AN APPLICATION OF NETWORK THEORY TO THE SOLUTION OF IMPLICIT NAVIER-STOKES DIFFERENCE EQUATIONS. R. Amit, *11 Ben Gurion Avenue, Tel Aviv, ISRAEL;* C. A. Hall and T. A. Porsching, *Institute for Computational Mathematics and Applications, Department of Mathematics and Statistics, University of Pittsburgh, Pittsburgh, PA 15261, USA.*
- THE MOVING FINITE ELEMENT METHOD: APPLICATIONS TO GENERAL PARTIAL DIFFERENTIAL EQUATIONS WITH MULTIPLE LARGE GRADIENTS. R. J. Gelinis and S. K. Doss, *Science Applications, Inc., 1811 Santa Rita Road, Pleasanton, CA 94566;* and K. Miller, *Department of Mathematics, University of California, Berkeley, CA 94720, USA.*
- ANTIC: A CODE FOR CALCULATION OF NEUTRAL TRANSPORT IN CYLINDRICAL PLASMAS. S. Tamor, *Laboratory for Applied Plasma Studies, Science Applications, Inc., P. O. Box 2351, La Jolla, CA 92037, USA.*
- PRINCIPLES AND CAPABILITIES OF 3-D, E-M PARTICLE SIMULATIONS. O. Buneman, C. W. Barnes, J. C. Green, and D. E. Nielsen, *Institute for Plasma Research, Stanford University, Via Crespi, Stanford, CA 94305, USA.*