

## List of Forthcoming Articles

- IMPROVING THE CONVERGENCE RATE TO STEADY STATE OF PARABOLIC ADI METHODS. Saul S. Abarbanel and David Gottlieb, *Tel Aviv University, Tel Aviv, Israel*; Douglas L. Dwoyer, *NASA Langley Research Center, Hampton, VA, USA*.
- APPROXIMATION FOR THE TURNING POINTS OF BESSEL FUNCTIONS. Robert Piessens, *Catholic University of Leuven, Belgium*; Shafique Ahmed, *University of Southern Mississippi, Hattiesburg, MS, USA*.
- A METHOD FOR REDUCTION OF NUMERICAL DIFFUSION IN THE DONOR CELL TREATMENT OF CONVECTION. Kang Y. Huh, Michael W. Golay, and Vincent P. Manno, *Massachusetts Institute of Technology, Cambridge, MA, USA*.
- AN IMPLEMENTATION OF A MOVING FINITE ELEMENT METHOD. Andrew N. Hrymak, Gregory J. McRae, and Arthur W. Westerberg, *Carnegie-Mellon University, Pittsburgh, PA, USA*.
- PROGRAM FOR EFFICIENT MONTE CARLO COMPUTATIONS OF QUENCHED  $SU(3)$  LATTICE GAUGE THEORY USING THE QUASI-HEATBATH METHOD ON A CDC CYBER 205 COMPUTER. A. D. Kennedy and B. J. Pendleton, *University of California, Santa Barbara, CA, USA*; J. Kuti, *University of California, San Diego, La Jolla, CA, USA*; S. Meyer, *Universität Kaiserslautern, GERMANY*.
- SENSITIVITY ANALYSIS OF BOUNDARY VALUE PROBLEMS: APPLICATION TO NONLINEAR REACTION-DIFFUSION SYSTEMS. Yakir Reuven and Hirschel Rabitz, *Princeton University, Princeton, NJ, USA*; Mitchell D. Smooke, *Yale University, New Haven, CT, USA*.
- NUMERICAL CALCULATIONS USING THE FULL MHD EQUATIONS IN TOROIDAL GEOMETRY. L. A. Charlton, J. A. Holmes, H. R. Hicks, V. E. Lynch, and B. A. Carreras, *Oak Ridge National Laboratory, Oak Ridge, TN, USA*.