

## List of Forthcoming Articles

- A NEW APPLICATION OF THE DISCRETE LAGUERRE POLYNOMIALS IN THE NUMERICAL EVALUATION OF THE HANKEL TRANSFORM OF A STRONGLY DECREASING EVEN FUNCTION. B. Gabutti, *Consiglio Nazionale delle Ricerche, Istituto di Calcoli Numerici dell'Universita degli Studi di Torino*; and B. Minetti, *Istituto di Fisica Sperimentale, Politecnico di Torino, 10129 Turin, ITALY*.
- APPROXIMATING CONVOLUTION PRODUCTS BETTER THAN THE DFT WHILE KEEPING THE FFT. Charles F. Osgood, *Code 7577, Naval Research Laboratory, Washington, DC 20375, USA*.
- A FINITE ELEMENT SOLUTION OF A REDUCED FOKKER-PLANCK EQUATION. D. Fyfe, *Division 157, Science Applications, Inc., P. O. Box 1303, McLean, VA 22102*; A. Weiser, *Department of Computer Science, I. Bernstein, Department of Engineering and Applied Science, S. Eisenstat and M. Schultz, Department of Computer Science, Yale University, P. O. Box 2158 Yale Station, New Haven, CT 06520, USA*.
- ACCURATE CALCULATIONS OF FIELD REVERSED AXISYMMETRIC EQUILIBRIA AND THEIR MHD STABILITY PROPERTIES. David V. Anderson, *Lawrence Livermore National Laboratory, L-561, Livermore, CA 94550*; and Daniel C. Barnes, *Los Alamos National Laboratory, P. O. Box 1663, Los Alamos, NM 87545, USA*.
- AIR STRESS FUNCTION FOR ATOMIC MODELS. Paul J. Steinhardt, *Lyman Laboratory of Physics, Harvard University, Cambridge, MA 02138*; and P. Chaudhari, *Thomas J. Watson Research Center, IBM, Yorktown Heights, NY 10598, USA*.
- TIME FILTERING PARTICLE SIMULATIONS WITH  $\omega_{pe} \Delta t \gg 1$ . Jacques Denavit, *Department of Mechanical and Nuclear Engineering, Northwestern University, Evanston, IL 60201, USA*.
- NUMERICAL SOLUTION OF A SYMMETRIC ONE-DIMENSIONAL DIODE MODEL. Maximilian R. Maier, *Institut für Mathematik der Technischen Universität, Arcisstr. 21, D8000 Munich 2, WEST GERMANY*; and Donald R. Smith, *Department of Mathematics, University of California, San Diego, La Jolla, CA 92093, USA*.