

## List of Forthcoming Articles

- COMPUTATION OF QUASI-PERIODIC SOLUTIONS OF FORCED DISSIPATIVE SYSTEMS. Chr. Kaas-Petersen, *Laboratory of Applied Mathematical Physics, The Technical University of Denmark, DK-2800 Lyngby, DENMARK.*
- STATISTICAL MECHANICS OF HARD ELLIPSOIDS. I. OVERLAP ALGORITHM FOR THE CONTACT FUNCTION. John W. Perram, *Courant Institute of Mathematical Sciences, New York University, 251 Mercer Street, New York, New York 10012*; and M.S. Wertheim, *Mathematics Department, Rutgers University, New Brunswick, New Jersey 08903, USA.*
- CANONICAL TRANSFORMATION INVARIANCE AND LINEAR MULTISTEP FORMULA FOR INTEGRATION OF HAMILTONIAN SYSTEMS. Ko Aizu, *Physics Department, Rikkyo University, Nishi-Ikebukuro 3, Tokyo 171, JAPAN.*
- IMPLEMENTATION OF A SELF-SORTING IN-PLACE PRIME FACTOR FFT ALGORITHM. Clive Temperton, *Division de recherche en prévision numérique, Service de l'Environnement atmosphérique, Dorval, Québec, CANADA H9P 1J3.*
- THE PRINCETON SPECTRAL EQUILIBRIUM CODE: PSEC. K. M. Ling and S. C. Jardin, *Plasma Physics Laboratory, Princeton University, Princeton, NJ 08544.*
- A NOTE ON VARIATIONAL - ITERATIVE SCHEMES APPLIED TO BURGERS' EQUATION. J. Caldwell, R. Saunders and R. Wanless. *School of Mathematics, Statistics and Computing Newcastle upon Tyne Polytechnic, Newcastle upon Tyne, England*; and R. Sanders and P. Wanless, *Department of Mathematics and Computer Studies Sunderland Polytechnic, Sunderland, ENGLAND.*
- THE VALIDITY OF THE MODIFIED EQUATION FOR NONLINEAR SHOCK WAVES. Jonathan Goodman and Andrew Majda. *Courant Institute of Mathematical Sciences, New York University, 251 Mercer Street, New York, New York 10012*; and Andrew Madja, *Department of Mathematics, University of California, Berkeley, CA 94720, USA.*
- PROPAGATION AND STABILITY OF WAVELIKE SOLUTIONS OF FINITE DIFFERENCE EQUATIONS WITH VARIABLE COEFFICIENTS. M.B. Giles and W.T. Thompkins, Jr. *Massachusetts Institute of Technology, Cambridge, Massachusetts 02139, USA.*
- PRESSURE GRADIENT SCALING METHOD FOR FLUID FLOW WITH NEARLY UNIFORM PRESSURE. J. D. Ramshaw, P. J. O'Rourke, and L. R. Stein, *Group T-3, MS B216, Los Alamos National Laboratory, Los Alamos, NM 87545, USA.*