

List of Forthcoming Articles

- AN APPLICATION OF THE ARNOLDI'S METHOD TO A GEOPHYSICAL FLUID DYNAMICS PROBLEM. A. Navarra, *Princeton University, Princeton, NJ, USA.*
- SIMPLE ADAPTIVE GRIDS FOR 1D INITIAL VALUE PROBLEMS. E. A. Dorfi, *Institut für Astronomie der Universität Wien, Wien, Austria*; L. O'C. Drury, *Max-Planck Institut für Kernphysik, Heidelberg, West Germany (FRG).*
- CONSERVATIVE FINITE-DIFFERENCE SCHEMES FOR THE FOKKER-PLANCK EQUATION NOT VIOLATING THE LAW OF AN INCREASING ENTROPY. Yu. A. Berezin, V. N. Khudick, and M. S. Pekker, *Institute of Nuclear Physics, Novosibirsk, USSR.*
- CLOSED ANALYTICAL EXPRESSIONS FOR SOME USEFUL SUMS AND INTEGRALS INVOLVING LEGENDRE FUNCTIONS. G. N. Afanasiev, *Joint Institute for Nuclear Research, Dubna, Moscow District, USSR.*
- HYBRID SIMULATION OF ION BEAMS IN BACKGROUND PLASMA. A. Mankofsky, *Science Applications International Corporation, McLean, VA, USA*; R. N. Sudan, *Cornell University, Ithaca, NY, USA.*
- SINC FUNCTION COMPUTATION OF THE EIGENVALUES OF STURM-LIOUVILLE PROBLEMS. Norman Eggert, Marry Jarratt, and John Lund, *Montana State University, Bozeman, MT, USA.*
- ENERGY CONSERVING GALERKIN FINITE ELEMENT SCHEMES FOR THE PRIMITIVE EQUATIONS OF NUMERICAL WEATHER PREDICTION. J. Steppeler, *European Center for Medium Range Weather Forecasts, Reading, UK.*