

List of Forthcoming Articles

- AN OPERATOR COMPACT IMPLICIT METHOD OF EXPONENTIAL TYPE. Stephen H. Leventhal, *Gulf Science and Technology Company, P. O. Drawer 2038, Pittsburgh, PA 15230, USA.*
- A METHOD FOR SOLVING $J_1(x) Y_1(\rho x) - J_1(\rho x) Y_1(x) = 0$. A. E. Curzon, *Department of Physics, Simon Fraser University, Burnaby, B.C. V5A 1S6, CANADA.*
- ON THE KANTOROVICH TECHNIQUE APPLIED TO THE TIDAL EQUATIONS IN ELONGATED LAKES. Gabriel Raggio, *Laboratory of Hydraulics, Hydrology and Glaciology, The Federal Institute of Technology, Gloriastrasse 37, CH-8092 Zurich, SWITZERLAND.*
- ELLIPTIC VORTEX METHOD FOR INCOMPRESSIBLE FLOW AT HIGH REYNOLDS NUMBER. Zhen-huan Teng, *Department of Mathematics, Peking University, Peking, PEOPLE'S REPUBLIC OF CHINA.*
- A NUMERICAL MODEL FOR NON-AXISYMMETRIC MHD INSTABILITIES. A. I. Shestakov and J. Killeen, *National Magnetic Fusion Computer Center, Lawrence Livermore National Laboratory, Livermore, CA 94550;* and D. D. Schnack, *Los Alamos National Laboratory, Los Alamos, NM 87545, USA.*
- ON THE SOLUTION OF THE TIME-DEPENDENT INERTIAL-FRAME EQUATION OF RADIATIVE TRANSFER IN MOVING MEDIA TO $O(v/c)$. Dimitri Mihalas, *Sacramento Peak Observatory, Sunspot, NM 88349;* and Richard I. Klein, *Lawrence Livermore National Laboratory, L-18, Livermore, CA 94550, USA.*
- AN APPROXIMATE METHOD FOR EVALUATING THE RATIO OF TWO COMPLETE ELLIPTIC INTEGRALS OF THE FIRST KIND. C. E. Wilsdon, *School of Physics, Brighton Polytechnic, Brighton, East Sussex BN2 4GJ, ENGLAND.*