

List of Forthcoming Articles

- PSEUDO-SPECTRAL SIMULATION OF A TWO-DIMENSIONAL VORTEX FLOW IN A STRATIFIED, INCOMPRESSIBLE FLUID. Robert B. Myers, *Poseidon Research, Los Angeles, CA 90049*; Thomas D. Taylor, *Johns Hopkins University, Applied Physics Laboratory, Laurel, MD*; and John W. Murdock, *The Aerospace Corporation, Los Angeles, CA, USA*.
- ON NUMERICAL SOLUTION OF KINETIC EQUATIONS FOR PLASMA WAVES. S. L. Musher, *Universitetsky Prospekt I, Institute of Automation and Electrometry, Siberian Branch of USSR Academy of Sciences, 630090 Novosibirsk, USSR*.
- SOLUTIONS OF THE SHALLOW WATER EQUATIONS ON A SPHERE. Ronald L. Gilliland, *High Altitude Observatory, National Center for Atmospheric Research, P. O. Box 3000, Boulder, CO 80307, USA*.
- ION EXTRACTION AND OPTICS IN 3D. J. W. Wooten, *Computer Sciences Division, J. H. Wheaton, Fusion Energy Division, D. H. McCollough, R. W. McGaffey, Computer Sciences Division, Oak Ridge National Laboratory, P. O. Box Y, Oak Ridge, TN 37830*; J. E. Akin, *University of Tennessee, Knoxville, TN*; and L. J. Dooks, *Bell Laboratories, Whippany, NJ, USA*.
- A COMPARISON OF NUMERICAL SOLUTIONS OF CONVECTIVE AND DIVERGENCE FORMS OF THE NAVIER-STOKES EQUATIONS FOR THE DRIVEN CAVITY PROBLEM. Murli M. Gupta, *Department of Mathematics, The George Washington University, Washington, DC 20052, USA*.