

List of Forthcoming Articles

- A STABILITY-ENHANCING TWO-STEP METHOD FOR FLUID FLOW CALCULATIONS. J. H. Mahaffy, *Los Alamos Scientific Laboratory, P. O. Box 1663, Los Alamos, New Mexico 87545, USA.*
- NUMERICAL SOLUTION OF AN ELASTIC BOUNDARY-LAYER PROBLEM USING A MULTIPLE SHOOTING TECHNIQUE. N. K. Nichols, *Department of Mathematics, University of Reading, Berkshire, GREAT BRITAIN*; and R. England, *IIMAS, Universidad Nacional Autónoma de México, Apdo. Posta 20-726, MÉXICO 20, D. F.*
- A METHOD FOR THE SOLUTION OF A CLASS OF SINGULAR VOLTERRA INTEGRO-DIFFERENTIAL EQUATIONS. A. Prosperetti, *Istituto di Fisica, Università di Milano, 20133 Milano, ITALY.*
- ADAPTIVE ZONING FOR SINGULAR PROBLEMS IN TWO DIMENSIONS. J. U. Brackbill and J. S. Saltzman, *Los Alamos Scientific Laboratory, P. O. Box 1663, Los Alamos, New Mexico 87545, USA.*
- NUMERICAL ESTIMATES OF HAUSDORFF DIMENSION. A. J. Chorin, *Department of Mathematics, University of California, Berkeley, California 94720, USA.*
- RELATIONSHIP BETWEEN THE TRUNCATION ERRORS OF CENTERED FINITE DIFFERENCE APPROXIMATIONS ON UNIFORM AND NONUNIFORM MESHES. J. D. Hoffman, *School of Mechanical Engineering, Purdue University, West Lafayette, Indiana 47907, USA.*
- THREE-DIMENSIONAL STEADY STRATIFIED FLOWS: A NUMERICAL APPROACH. W. K. Stevens, *Department of Mathematics, Northeastern University, Boston, Massachusetts 02115*; and C. H. Su, *Division of Applied Mathematics, Brown University, Providence, Rhode Island 02192, USA.*
- ON THE ANHARMONIC OSCILLATOR. A. D. Booth, *Institute of Ocean Sciences, P. O. Box 6000, Sidney, British Columbia V8I 4B2, CANADA.*
- KERNEL ESTIMATES AS A BASIS FOR GENERAL PARTICLE METHODS IN HYDRODYNAMICS. R. A. Gingold, *Mt. Stromlo Observatory, Australian National University, Private Bag WODEN P. O., Woden, A.C.T. 2606*; and J. J. Monaghan, *Department of Mathematics, Monash University, Clayton, Victoria 3168, AUSTRALIA.*
- SPACE-CHARGE EFFECTS IN HIGH DENSITY PLASMAS. R. Morrow, *Division of Applied Physics, CSIRO, P. O. Box 218, Lindfield, New South Wales 2070, AUSTRALIA.*