List of Forthcoming Articles

DIRECT SIMULATION METHODS FOR COMPRESSIBLE INVISCID IDEAL GAS FLOW. D. I. Pullin. *Department of Mechanical Engineering, University of Melbourne, Parkville 3052, Victoria, Australia.*

FOURIER EXPANSION SOLUTION OF THE KORTWEG–DE VRIES EQUATION. Kanji Abe and Osamu Inoue. *Institute of Space and Aeronautical Science, University of Tokyo, 4-6-1 Komaba, Meguro-ku, Tokyo, Japan 153.*

AN INTEGRAL EQUATION METHOD FOR THE NUMERICAL SOLUTION OF A TWO-DIMENSIONAL VERTICAL JET UNDER GRAVITY. T. H. Lim. *Department of Mathematics, University of Windsor, Windsor, Ontario, Canada N9B 3P4.*

MULTIGROUP REPRESENTATION OF FUSION PRODUCT ORBITS IN A PLASMA COLUMN. H. J. Willenberg. *Mathematical Sciences Northwest, Inc., P. O. Box 1887, Bellevue, WA 98009, USA.*

THE MULTI-GRID METHOD FOR SEMI-IMPLICIT HYDRODYNAMICS CODES. Achi Brandt. *Department of Mathematics, Weizmann Institute of Science, Rehovot, Israel;* J. E. Dendy, Jr. and Hans Ruppel. *Theoretical Division, University of California, Los Alamos Scientific Laboratory, Los Alamos, NM 87545.*

ADJOINT MONTE CARLO ELECTRON TRANSPORT IN THE CONTINUOUS-SLOWING-DOWN APPROXIMATION. J. A. Halbleib and J. E. Morel. *Sandia Laboratories, Division 4451, Albuquerque, NM 87185, USA.*

ANALYSIS OF EVOLUTIONARY ERROR IN FINITE ELEMENT AND OTHER METHODS. M. J. P. Cullen. *Forecasting Research Branch, Meteorological Office, Bracknell, Berkshire;* and K. W. Morton. *Department of Mathematics, University of Reading, Whiteknights, Reading, Berkshire RG6 2AX, England.*

SEPARATING FLOW NEAR A STATIC CONTACT LINE: SLIP AT A WALL AND SHAPE OF A FREE SURFACE. William J. Sillman and L. E. Scriven. *Department of Chemical Engineering and Materials Science, University of Minnesota, Minneapolis, MN 55455, USA.*