List of Forthcoming Articles

FOUR CHEAP IMPROVEMENTS TO THE PARTICLE-MESH CODE. J. H. Williamson, *Department of Computer Science, University of Reading, Reading, Berkshire RG6 2AX, ENGLAND.*

COMPARISON OF NUMERICAL METHODS FOR THE INTEGRATION OF THE BLACK HOLE GEODESIC EQUATIONS. N. A. Sharp, *Institute of Astronomy, Madingley Road, Cambridge CB3 OHA, ENGLAND.*

THE ASYMPTOTIC SOLUTION OF THE ORR–SOMMERFELD EQUATION AT LARGE DISTANCE FROM A SHEAR LAYER. Peter A. Monkewitz, *Mechanics and Structures Department, University of California, Los Angeles, CA 90024, USA*; and Martin A. Monkewitz, *Flugzeugwerk Emmen, Emmen, SWITZERLAND.*

INVERSE MONTE CARLO ANALYSIS. William L. Dunn, *Operations Analysis Division, Research Triangle Institute, Box 12194, Research Triangle Park, NC 27709, USA.*

A EULERIAN–LAGRANGIAN NUMERICAL SCHEME FOR THE DISPERSION–CONVECTION EQUATION USING CONJUGATE SPACE–TIME GRIDS. Shlomo P. Neuman, *Department of Hydrology and Water Resources, University of Arizona, Tucson, AZ 85721, USA.*

SPHERICAL COULOMB FUNCTIONS: RECURRENCE RELATIONS AND CONTINUED FRACTIONS. Pedro de A. P. Martins, *Departamento de Física, Universidade de Coimbra, 3000 Coimbra, PORTUGAL.*

COMPUTATIONAL EXPERIENCE WITH THE SPECTRAL SMOOTHING METHOD FOR DIFFERENTIATING NOISY DATA. M. L. Baart, *National Research Institute for Mathematical Sciences of the CSIR, P. O. Box 395, Pretoria 0001, SOUTH AFRICA.*

A NUMERICAL TEST OF THE APPLICABILITY OF GALERKIN APPROXIMATIONS TO THE SOLUTIONS OF THE NAVIER–STOKES EQUATION. Yvain M. Treve, *125 San Rafael Avenue, Santa Barbara, CA 93109, USA.*