

## List of Forthcoming Articles

- A DETERMINISTIC PARTICLE METHOD FOR TRANSPORT DIFFUSION EQUATIONS. APPLICATION TO FOKKER-PLANCK EQUATION. F. Hermeline, *Centre d'Etudes de Limeil-Valenton, St. Georges, FRANCE.*
- SOLVING THE ONE-, TWO-, AND THREE-DIMENSIONAL SCHRÖDINGER EQUATION FOR MULTIMINIMA POTENTIALS USING THE NUMEROV-COOLEY METHOD. AN EXTRAPOLATION FORMULA FOR ENERGY EIGENVALUES. Michael Eckert, *University of Munich, FRG.*
- AN ADAPTIVE MULTIGRID TECHNIQUE FOR THE INCOMPRESSIBLE NAVIER-STOKES EQUATIONS. M. C. Thompson, CSIRO, Victoria, Australia; J. H. Ferziger, *Stanford University, Stanford, California, USA.*
- INCORPORATION AND TEST OF DIFFUSION AND STRAIN EFFECTS IN THE TWO-DIMENSIONAL VORTEX BLOB TECHNIQUE. E. Meiburg, *Brown University, Providence, Rhode Island, USA.*
- LOCAL ADAPTIVE MESH REFINEMENT FOR SHOCK HYDRODYNAMICS. M. J. Berger, *Courant Institute for Mathematical Sciences, New York University, New York, New York, USA*; P. Colella, *Lawrence Livermore National Laboratory, University of California, Livermore, California, USA.*
- COMPLEX PRÜFER PHASE FUNCTION WITH APPLICATIONS TO SCATTERING. Patri Pajunen, *University of Oulu, Oulu, FINLAND.*
- A GENERAL TOPOLOGY GODUNOV METHOD. John K. Dukowicz, Michael C. Cline, and Frank L. Addessio, *Los Alamos National Laboratory, University of California, Los Alamos, New Mexico, USA.*
- ON THE PROBLEM OF PENETRATION IN PARTICLE METHODS. J. J. Monaghan, *Monash University, Clayton, Victoria, AUSTRALIA.*
- EXISTENCE OF THE SOLUTION OF A NONLINEAR INTEGRO-DIFFERENTIAL EQUATION. S. R. Vatsya, *Whiteshell Nuclear Research Establishment, Pinawa, Manitoba, CANADA.*