

List of Forthcoming Articles

- A NUMERICAL STUDY OF NONLINEAR WAVES ARISING IN A ONE-DIMENSIONAL MODEL OF A FLUIDIZED BED. Ian Christie and G. H. Ganser, *West Virginia University, Morgantown, West Virginia, USA.*
- AN EFFICIENT SURFACE ALGORITHM FOR RANDOM-PARTICLE SIMULATION OF VORTICITY AND HEAT TRANSPORT. P. A. Smith and P. K. Stansby, *University of Manchester, Manchester, UNITED KINGDOM.*
- IMPLICIT FINITE DIFFERENCE METHODS FOR MODELLING DISCONTINUOUS ATMOSPHERIC FLOWS. M. J. P. Cullen, *Meteorological Office, Bracknell, Berkshire, UNITED KINGDOM.*
- A THREE-DIMENSIONAL COMPUTATIONAL METHOD FOR BLOOD FLOW IN THE HEART: (I) IMMERSSED ELASTIC FIBERS IN A VISCOUS INCOMPRESSIBLE FLUID. Charles S. Peskin and David M. McQueen, *Courant Institute of Mathematical Sciences, New York University, New York, USA.*
- AN ADAPTIVE PSEUDO-SPECTRAL METHOD FOR REACTION DIFFUSION PROBLEMS. A. Bayliss and B. J. Matkowsky, *Northwestern University, Evanston, Illinois, USA*; D. Gottlieb, *Brown University, Providence, Rhode Island, USA*; M. Minkoff, *Argonne National Laboratory, Argonne, Illinois, USA.*
- DYNAMICAL INTERACTIONS OF SUPERCONDUCTING FLUX VORTICES. K. J. M. Moriarty, *Consortium for Scientific Computing, John von Neumann Supercomputer Center, Princeton, New Jersey, USA*; Eric Myers and Claudio Rebbi, *Boston University, Boston, Massachusetts, USA.*