

List of Forthcoming Articles

- A PAIRING METHOD WHICH IMPROVES CONVERGENCE IN MONTE CARLO ESTIMATION OF QUANTUM MECHANICAL EXPECTATION VALUES. Katherine A. Wilson, *Lawrence Livermore National Laboratory, Livermore, CA, USA*; and Robert L. Coldwell, *University of Florida, Gainesville, FL, USA*.
- A METHOD OF LOCAL CORRECTIONS FOR COMPUTING THE VELOCITY FIELD DUE TO A DISTRIBUTION OF VORTEX BLOBS. Christopher R. Anderson, *Stanford University, Stanford, CA, USA*.
- THE VECTOR POTENTIAL IN THE NUMERICAL SOLUTION OF THREE-DIMENSIONAL FLUID DYNAMICS PROBLEMS IN MULTIPLY CONNECTED REGIONS. A. K. Wong and J. A. Reizes, *School of Mechanical and Industrial Engineering, University of New South Wales, Australia*.
- FINITE DIFFERENCE METHOD TO SOLVE INCOMPRESSIBLE FLUID FLOW. Nobumasa Takemitsu, *Tokyo Denki University, Tokyo, Japan*.
- PRACTICAL CONSIDERATIONS FOR ADAPTIVE IMPLICIT METHODS IN RESERVOIR SIMULATION. P. A. Forsyth, Jr. and P. H. Sammon, *Computer Modelling Group, Calgary, Alberta, Canada*.
- VECTOR CALCULATION OF PARTICLE CODE. A. Nishiguchi and T. Yabe, *Osaka University, Japan*; and S. Oriti, *Fujitsu Limited, Tokyo, Japan*.
- THE INFLUENCE OF DIFFERENCING AND C.F.L. NUMBER ON IMPLICIT TIME DEPENDENT NON-LINEAR CALCULATIONS. Thierry Poinsot and Sebastien M. Candel, *CNRS, Ecole Centrale des Arts et Manufactures, Chatenay-Malabry, France*.
- ACTION-VARIABLE THEORY AND CLASSICAL FREQUENCIES. Robert A. Leacock and Patrick W. O'Connor, *Ames Laboratory, Iowa State University, Ames, IA, USA*.
- A GENERAL COLLAPSING TECHNIQUE FOR THREE-DIMENSIONAL ALGEBRAIC GRID GENERATION. G. Marshall, *Comision Nacional de Energia Atomica, Buenos Aires, Argentina*; P. Eiseman and John T. Kuo, *Columbia University, New York, NY, USA*.
- VARIATIONAL METHODS FOR GENERATING MESHES ON SURFACES IN THREE DIMENSIONS. Jeffrey Saltzman, *Los Alamos National Laboratory, Los Alamos, NM, USA*.
- BOUNDARY INTEGRAL TECHNIQUES FOR MULTI-CONNECTED DOMAINS. G. R. Baker and M. J. Shelley, *University of Arizona, Tucson, AZ, USA*.
- AN ITERATIVE METHOD FOR SIMULTANEOUS DETERMINATION OF BULK AND SHEAR MODULI AND DENSITY VARIATIONS. Y. M. Chen and G. Q. Xie, *State University of New York, Stony Brook, NY, USA*.