

List of Forthcoming Articles

- A CONSERVATIVE VARIATIONAL METHOD FOR MULTICOMPONENT CONCENTRATION TIME DEPENDENT DIFFUSION. Clarence E. Lee and Bruce C. Wilson, *Department of Nuclear Engineering, Texas A & M University, College Station, Texas 77843, USA.*
- A MODIFICATION OF THE DELVES-LYNESS METHOD FOR LOCATING THE ZEROS OF ANALYTIC FUNCTIONS. N. I. Ioakimidis and E. G. Anastasselou, *Division of Applied Mathematics and Mechanics, School of Engineering, University of Patras, P. O. Box 1120, GR-261.10 Patras, GREECE;* E. G. Anastasselou, *Division of Applied Mechanics, The National Technical University of Athens, P. O. Box 61028, GR-151.10 Amaroussion, GREECE.*
- A NEW APPROACH FOR SOLVING THE THREE-DIMENSIONAL STEADY EULER EQUATIONS PART I. — GENERAL THEORY. Sin-Chung Chang and John J. Adamczyk, *National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio 44135 USA.*
- A NEW APPROACH FOR SOLVING THE THREE-DIMENSIONAL STEADY EULER EQUATIONS PART II.— APPLICATION TO SECONDARY FLOWS IN A TURNING CHANNEL. Sin-Chung Chang and John J. Adamczyk, *National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio 44135 USA.*
- FINITE-DIMENSIONAL APPROXIMATION OF THE DIFFERENTIAL OPERATOR IN PROBLEMS OF QUANTUM MECHANICS. Belyaev V. B. and Kartavtsev O. I., *Laboratory of Theoretical Physics, JINR 141980, Dubna, USSR;* and Kartavtsev O. I., *Tashkent State University, Tashkent, USSR.*
- SEMI-IMPLICIT METHOD FOR THREE-DIMENSIONAL COMPRESSIBLE MHD SIMULATION. Douglas S. Harned and W. Kerner, *Courant Institute of Mathematical Sciences, New York University, New York, NY 10012;* and W. Kerner, *Max-Planck-Institute für Plasmaphysik, Garching bei München, GERMANY.*
- FINITE-DIFFERENCE NUMERICAL METHODS FOR SOLVING THE ENERGY-MOMENTUM TRANSPORT EQUATIONS IN TWO-VALLEY SEMICONDUCTORS. R. K. Mains, M. A. El-Gabaly and G. I. Haddad, *Solid-State Electronics Laboratory, Department of Electrical and Computer Engineering, The University of Michigan, Ann Arbor, MI 48109-1109 USA.*
- THE CALCULATION OF STELLARATOR EQUILIBRIA IN VACUUM FLUX SURFACE COORDINATES. T. C. Hender, B. A. Carreras, L. Garcia, J. A. Rome, and V. E. Lynch, *Fusion Energy Division, Oak Ridge National Laboratory, Oak Ridge, TN 37831;* and V. E. Lynch, *Computer Sciences, Oak Ridge National Laboratory, Oak Ridge, TN 37831 USA.*
- RECONSTRUCTION OF THE TIME-DEPENDENT MONOENERGETIC NEUTRON FLUX FROM MOMENTS. B. D. Ganapol, *Department of Nuclear and Energy Engineering, The University of Arizona, Tucson, AZ 85721 USA.*
- SOLUTION OF ORNSTEIN-ZERNIKE INTEGRAL EQUATIONS FOR LATTICE GASES. J. M. Harder and A. R. Allnatt, *Department of Chemistry, University of Western Ontario, London, Ontario, N6A 5B7, CANADA.*