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List of Forthcoming Articles

A FINITE ELEMENT FOR THE NUMERICAL SOLUTION OF VISCOUS INCOMPRESSIBLE FLOWS. Michel Bercovier and Michael Engelman. *School of Applied Science and Technology, Hebrew University, P. O. B. 7976, Jerusalem, Israel.*

A METHOD OF NUMERICAL SOLUTION OF CAUCHY TYPE SINGULAR INTEGRAL EQUATIONS WITH GENERALIZED KERNELS AND ARBITRARY COMPLEX SINGULARITIES. Pericles S. Theocaris and Nikolaos I. Ioakimidis. *Laboratory for Testing Materials, The National Technical University of Athens, 5 K. Zographou, Zographou, Athens 625, Greece.*

NONREFLECTING BOUNDARY CONDITIONS FOR NONLINEAR HYPERBOLIC SYSTEMS. Gerald W. Hedstrom. *L-71, Lawrence Livermore Laboratory, University of California, P. O. Box 808, Livermore, CA 94550.*

FINITE DIFFERENCE METHOD FOR GENERALIZED EIGENVALUE PROBLEM IN ORDINARY DIFFERENTIAL EQUATIONS. H. M. Antia. *Theoretical Physics Group, Tata Institute of Fundamental Research, Homi Bhabha Road, Colaba, Bombay 400005, India.*

AN INITIAL VALUE METHOD FOR EIGENVALUE PROBLEMS USING COMPOUND MATRICES. B. S. Ng. *Indiana University-Purdue University, Indianapolis, IN 46205;* and W. H. Reid. *Department of Mathematics, University of Chicago, Chicago, IL 60637.*

ON THE REMOVAL OF THE SINGULARITIES FROM THE RICCATI METHOD. A. Davey. *School of Mathematics, University of Newcastle upon Tyne, Newcastle upon Tyne NE1 7RU, England.*

AN ALGORITHM FOR FINDING THE DISTRIBUTION OF MAXIMAL ENGROPY. N. Agmon and Y. Alhassid. *Department of Physical Chemistry, The Hebrew University, Jerusalem, Israel;* and R. D. Levine. *Department of Chemistry, Massachusetts Institute of Technology, Cambridge, MA 02139.*

SPIN-ADAPTED VECTOR METHOD: AN ALTERNATIVE TO THE CONVENTIONAL CONFIGURATION INTERACTION APPROACH. C. F. Bender. *Theoretical Atomic and Molecular Physics Group, Lawrence Livermore Laboratory, University of California, P. O. Box 808, Livermore, CA 94550.*

NOTE ON THE RICCATI METHOD FOR DIFFERENTIAL EIGENVALUE PROBLEMS OF ODD ORDER. D. M. Sloan and J. S. Bramley. *Department of Mathematics, University of Strathclyde, Glasgow G1 1XH, Scotland.*

REVIEW OF COMPUTING METHODS FOR RECIRCULATING FLOWS. Shih-Yu Tuann and Mervyn D. Olson. *Department of Civil Engineering, University of British Columbia, Vancouver, B. C., Canada.*

SENSITIVITY ANALYSIS OF PARTIAL DIFFERENTIAL EQUATIONS WITH APPLICATION TO REACTION AND DIFFUSION PROCESSES. Masato Koda, Ali H. Dogru, and John H. Seinfeld. *Department of Chemical Engineering, California Institute of Technology, Pasadena, CA 91125.*