

## List of Forthcoming Articles

- A NON-SELF-ADJOINT GENERAL MATRIX EIGENVALUE PROBLEM. G. Delic, E. J. Janse van Rensburg, and G. Welke, *University of the Witwatersrand, Johannesburg, SOUTH AFRICA.*
- AN ADAPTIVE-MESH FINITE-DIFFERENCE SOLUTION METHOD FOR THE NAVIER-STOKES EQUATIONS. Paolo Luchini, *Istituto di Gasdinamica, Napoli, ITALY.*
- HYBRID APPROXIMATE SOLUTION-APPROXIMATE POTENTIAL APPROACH TO THE SOLUTION OF COUPLED EQUATIONS FOR ATOM-MOLECULE REACTIVE SCATTERING. Felicja Mrugala, *Nicholas Copernicus University, Torun, POLAND.*
- APPLICATION OF LBI TECHNIQUES TO THE SOLUTION OF THE TRANSIENT, MULTIDIMENSIONAL SEMI-CONDUCTOR EQUATIONS. J. P. Kreskovsky and H. L. Grubin, *Scientific Research Associates, Inc., Glastonbury, Connecticut, USA.*
- THE LIOUVILLE THEOREM AND ACCURATE PLASMA SIMULATION. H. Ralph Lewis, Daniel C. Barnes, Karl J. Melendez, *Los Alamos National Laboratory, Los Alamos, New Mexico, USA.*
- SUPERSONIC INVISCID FLOW — A THREE-DIMENSIONAL CHARACTERISTICS APPROACH. Jefferson Fong, *Florida State University, Tallahassee, Florida, USA;* Lawrence Sirovich, *Brown University, Providence, Rhode Island, USA.*
- UNSTABLE FRONTS IN A POROUS MEDIUM. J. D. Sherwood, *Schlumberger Cambridge Research, Cambridge, ENGLAND.*
- POTENTIAL FLOW PAST A SINUSOIDAL WALL BY DIRECT VARIATION. Norman L. Whitley, *University of New Orleans, Louisiana, USA.*
- ASYMPTOTIC SOLUTIONS OF NUMERICAL TRANSPORT PROBLEMS IN OPTICALLY THICK, DIFFUSIVE REGIMES. Edward W. Larsen, Jim E. Morel, Warren F. Miller, Jr., *Los Alamos National Laboratory, Los Alamos, New Mexico, USA.*