List of Forthcoming Articles

FAR FIELD BOUNDARY CONDITIONS FOR COMPRESSIBLE FLOWS. Alvin Bayliss, *Courant Institute of Mathematical Sciences, New York University, 251 Mercer Street, New York, NY 10012, USA*; and Eli Turkel, *Institute for Computer Application in Science and Engineering, Tel Aviv University, Tel Aviv, ISRAEL.*

FULLY IMPLICIT SHOCK TRACKING. J. B. Bell, G. R. Shubin, and J. M. Solomon, *Naval Surface Weapons Center, White Oak Lab, Silver Spring, MD 20910, USA.*

THE CHOICE OF NUMERICAL BOUNDARY CONDITIONS FOR HYPERBOLIC SYSTEMS. Bertil Gustafsson, *Department of Computer Sciences, University of Uppsala, Sturegatan 4 B 2 tr, S-75223 Uppsala, SWEDEN.*

STABILITY ANALYSIS OF NUMERICAL BOUNDARY CONDITIONS AND IMPLICIT DIFFERENCE APPROXIMATIONS FOR HYPERBOLIC EQUATIONS. R. M. Beam, R. F. Warming, and H. C. Yee, *NASA Ames Research Center, Moffett Field, California 94035, USA.*

IMPLICIT BOUNDARY CONDITIONS FOR THE SOLUTION OF THE PARABOLIZED NAVIER–STOKES EQUATION FOR SUPERSONIC FLOWS. M. Barnett and R. T. Davis, *University of Cincinnati, Cincinnati, OH 45221, USA*; and J. V. Rakich, *NASA Ames Research Center, Moffett Field, CA 94035, USA.*

BOUNDARY TREATMENTS FOR IMPLICIT SOLUTIONS TO EULER AND NAVIER–STOKES EQUATIONS. W. T. Thompkins, Jr. and R. H. Bush, *Department of Aeronautics and Astronautics, Massachusetts Institute of Technology, Cambridge, MA 02139, USA.*

INFLUENCE OF BOUNDARY APPROXIMATIONS AND CONDITIONS ON FINITE-DIFFERENCE SOLUTIONS. F. G. Blottner, *Fluid Mechanics and Heat Transfer Division 5512, Sandia National Laboratories, P.O. Box 5800, Albuquerque, NM 87185, USA.*

THREE-DIMENSIONAL BOUNDARY CONDITIONS IN SUPERSONIC FLOW. S. Rudman and F. Marconi, *Grumman Aerospace Corporation Research and Development Center, Bethpage, NY 11714, USA.*

STABILITY OF TWO-DIMENSIONAL HYPERBOLIC INITIAL BOUNDARY VALUE PROBLEMS FOR EXPLICIT AND IMPLICIT SCHEMES. Saul S. Abarbanel, *Tel Aviv University, Ramat Aviv, ISRAEL*; and Earl M. Murman, *Massachusetts Institute of Technology, Cambridge, MA 02139, USA.*