

## List of Forthcoming Articles

COMPUTATION OF PARABOLIC CYLINDER FUNCTIONS BY MEANS OF A TRICOMI EXPANSION. G. Maino, E. Menapace, and A. Ventura, *Laboratorio Dati Nucleari del CNEN, Via G. Mazzini 2, Bologna, ITALY.*

SOME RESPONSE CHARACTERISTICS OF FINITE-ELEMENT TIDAL MODELS. George W. Platzman, *Department of Geophysical Sciences, The University of Chicago, 5734 S. Ellis Avenue, Chicago, IL 60637, USA.*

A NUMERICAL METHOD FOR THE CALCULATION OF TRAVELLING WAVE SOLUTIONS OF A QUENCH FRONT PROBLEM. J. E. Dendy, Jr., and Burton Wendroff, *Los Alamos Scientific Laboratory, P. O. Box 1663, Los Alamos, NM 87545, USA.*

STEADY SHOCK TRACKING AND NEWTON'S METHOD APPLIED TO ONE-DIMENSIONAL DUCT FLOW. G. R. Shubin, A. B. Stephens, and H. M. Glaz, *Applied Mathematics Branch (R44), Naval Surface Weapons Center, Silver Spring, MD 20910, USA.*

NUMERICAL SOLUTION OF A NONSTEADY BLAST WAVE PROPAGATION IN TWO-PHASE ("SEPARATED FLOW") REACTIVE MEDIUM. Shmuel Eidelman and Alexander Burcat, *Department of Aeronautical Engineering, Technion-Israel Institute of Technology, Haifa, ISRAEL.*

NUMERICAL METHOD FOR PARTIAL EQUILIBRIUM FLOW. John D. Ramshaw and Lawrence D. Cloutman, *Los Alamos Scientific Laboratory, P. O. Box 1663, Los Alamos, NM 87545, USA.*

A MULTIDIMENSIONAL COMPACT HIGHER ORDER SCHEME FOR 3-D POISSON'S EQUATION. Philippe Mercier and Michel Deville, *Unité de Mécanique Appliquée, Université Catholique de Louvain, Place du Levant, 2, B-1348 Louvain-la-Neuve, BELGIUM.*

ON THE NUMERICAL CALCULATIONS OF THE DENSITY OF STATES IN TIGHT-BINDING APPROXIMATION. P. Modrak, *Institute of the Physical Chemistry of the Polish Academy of Sciences*, and B. Jasinski, *Institute of Computer Sciences of the Polish Academy of Sciences, Warsaw, POLAND.*

EXACT MONTE CARLO SOLUTION OF ELLIPTIC PARTIAL DIFFERENTIAL EQUATIONS. Thomas E. Booth, *MS-226, Los Alamos Scientific Laboratory, P. O. Box 1663, Los Alamos, NM 87545, USA.*