List of Forthcoming Articles

THE EVALUATION OF RELATIVISTIC OSCILLATORY WAVEFUNCTIONS ON A LOGARITHMIC GRID. D. F. Mayers, *Oxford University Computing Laboratory, Oxford*; and D. M. Turner, *Central Electricity Research Laboratories, Leatherhead, Surrey, UNITED KINGDOM.*

MASS DIFFUSION THROUGH A MOVING INTERFACE USING A MOVING FINITE ELEMENT MESH. R. W. S. Foulser, *237/A32, AEE Winfrith, Dorchester, Dorset DT2 8DH, UNITED KINGDOM.*

MODIFICATION OF THE LIU-DAVIDSON METHOD FOR OBTAINING ONE OR SIMULTANEOUSLY SEVERAL EIGENSOLUTIONS OF A LARGE REAL-SYMMETRIC MATRIX. Nobuhiro Kosugi, *Department of Chemistry, Faculty of Science, The University of Tokyo, Hongo, Bunkyo, Tokyo 113, JAPAN.*

DIFFERENTIAL EIGENVALUE PROBLEMS IN WHICH THE PARAMETER APPEARS NONLINEARLY. T. J. Bridges and P. J. Morris, *Department of Aerospace Engineering, The Pennsylvania State University, University Park, Pennsylvania 16802, USA.*

ELIMINATION OF SPURIOUS MODES IN FINITE ELEMENT ANALYSIS. Joab R. Winkler and J. Brian Davies, *Department of Electronic and Electrical Engineering, University College, Torrington Place, London WC1E 7JE, UNITED KINGDOM.*

SYMBOLIC MANIPULATION TECHNIQUES FOR PLASMA KINETIC THEORY DERIVATIONS. N. T. Gladd, *JAYCOR, P. O. Box 85154, San Diego, California 92138, USA.*

CONSERVATIVE NUMERICAL METHODS FOR $\ddot{x} = f(x)$. Donald Greenspan, *Department of Mathematics, The University of Texas, Arlington, Texas 76019, USA.*

ANALYTICAL PREDICTION OF TWO-DIMENSIONAL POTENTIAL FLOW DUE TO FIXED VORTICES IN A RECTANGULAR DOMAIN. Youngki Choi and Joseph A. C. Humphrey, *Department of Mechanical Engineering, University of California, Berkeley, California 94720, USA.*

NUMERICAL SIMULATIONS OF STELLAR CONVECTIVE DYNAMOS. I. THE MODEL AND METHOD. Gary A. Glatzmaier, *T-6, MS B288, Los Alamos National Laboratory, University of California, Los Alamos, New Mexico 87545, USA.*