List of Forthcoming Articles

ON BOUNDARY CONDITIONS FOR A SIMULATION PLASMA IN A MAGNETIC FIELD. H. Naitou and T. Kamimura. *Institute of Plasma Physics, Nagoya University, Nagoya 464*; and S. Tokuda, *Japan Atomic Energy Research Institute, Tokai, Ibaraki, JAPAN.*

ON THE NUMERICAL SOLUTION OF THE DRIFT WAVE EQUATIONS BY MEANS OF IN-VARIANT IMBEDDING. Julius Smith and J. C. Whitson, *Computer Sciences Division, Oak Ridge National Laboratory, Union Carbide Corporation, Nuclear Division, Oak Ridge, TN 37830, USA.*

UTILITY OF A FINITE ELEMENT SOLUTION ALGORITHM FOR INITIAL-VALUE PROBLEMS. A. J. Baker, *Department of Engineering Science and Mechanics, University of Tennessee, 317 Perkins Hall, Knoxville, TN 37916 USA.*

A MULTI-SURFACE METHOD OF COORDINATE GENERATION. Peter R. Eiseman, *Scientific Research Associates, Inc., P. O. Box 498, Glastonbury, CT 06033 USA.*

FINITE DIFFERENCE ANALYSIS OF SURFACE ACOUSTIC WAVE PROPAGATION AND SCATTERING IN PIEZOELECTRIC CRYSTALS. E. Cambiaggio, *Department of Electronics, University of Nice, Parc Valrose, 06034 Nice Cedex, FRANCE*; and F. Cuozzo, *University of Toulon, Château Saint Michel, R.N. 98, 83130 La Garde, FRANCE.*

A TECHNIQUE FOR SOLVING THE NON-LINEAR PARTIAL DIFFERENTIAL EQUATIONS OF TOKAMAK TRANSPORT. H. H. Klein and R. N. Byrne, *Science Applications, Inc., La Jolla, CA 92037, USA.*

FINITE ELEMENT METHODS FOR THE CALCULATION OF CAPILLARY SURFACES. Robert A. Brown, *Department of Chemical Engineering, Massachusetts Institute of Technology, Cambridge, MA 02139, USA.*

POINT CYCLIC REDUCTIONS FOR ELLIPTIC BOUNDARY VALUE PROBLEMS. I. THE CONSTANT COEFFICIENT CASE. E. Detyna, *Computer Science Department, The University of Reading, Whiteknights Park, Reading RG6 2AX, ENGLAND.*

TWO-LAYER SHALLOW-WATER FLOW IN TWO DIMENSIONS, A NUMERICAL STUDY. C. B. Vreugdenhil, *Delft Hydraulics Laboratory, Laboratory De Voorst, P. O. Box 152, Emmeloord, THE NETHERLANDS.*