List of Forthcoming Articles

A FOURTH ORDER POISSON SOLVER. Murli M. Gupta, *Department of Mathematics, The George Washington University, Washington, DC 20052, USA.*

APPLICATION OF THE P_n-METHOD TO THE CALCULATION OF THE ANGULAR FLUX OF GAMMA-RAYS. P. R. M. Storchi, *Computer Department, Rotterdamsch Radio-Therapeutisch Instituut, Groene Hilledijk 301, 3075 EA Rotterdam, THE NETHERLANDS.*

NUMERICAL SOLUTION OF SINGULAR BOUNDARY VALUE PROBLEMS BY INVARIANT IMBEDDING. Mohan K. Kadalbajoo and K. S. Raman, *Department of Mathematics, Indian Institute of Technology, Kanpur 208016, INDIA.*

AN EFFECTIVE VORTICITY-VECTOR POTENTIAL FORMULATION FOR THE NUMERICAL SOLUTION OF THREE-DIMENSIONAL DUCT FLOW PROBLEMS. A. K. Wong and J. A. Reizes, *School of Mechanical and Industrial Engineering, University of New South Wales, P.O. Box 1, Kensington, N.S.W. 2033, AUSTRALIA.*

CHEBYSHEV 3-D SPECTRAL AND 2-D PSEUDOSPECTRAL SOLVERS FOR THE HELMHOLTZ EQUATION. P. Haldenwang, G. Labrosse and S. Abboudi, *Département d'Héliophysique, Université de Provence, Centre de Saint-Jérôme, Marseille, FRANCE*; and M. Deville, *Unité de Mécanique Appliquée, Université Catholique de Louvain, Louvain-la-Neuve, BELGIUM.*

NUMERICAL COMPUTATIONS ON ONE-DIMENSIONAL INVERSE SCATTERING PROBLEMS. Mark H. Dunn, *ICASE, Mail Stop 132C, NASA Langley Research Center, Hampton, VA 23665*; and S. I. Hariharan, *University of Tennessee Space Institute, Tullahoma, TN 37388, USA.*

A MULTICODE DESCRIBING THE TIME EVOLUTION OF THE ATOMIC PROTIUM, DEUTERIUM AND TRITIUM DENSITIES IN THE FIRST WALL OF TOKAMAK REACTOR. A. Nicolai and D. Reiter, *Institut für Plasmaphysik der Kernforschungsanlage Jülich GmbH, Association EURATOM-KFA, P.O. Box 1913, D-5170 Jülich, FEDERAL REPUBLIC OF GERMANY.*

A DISCRETE ORDINATE METHOD OF SOLUTION OF LINEAR BOUNDARY VALUE AND EIGENVALUE PROBLEMS. B. Shizgal and R. Blackmore, *Department of Chemistry, 2036 Main Mall, The University of British Columbia, Vancouver, BC V6T 1Y6, CANADA.*

TIME-REVERSAL INVARIANCE AND LINEAR MULTISTEP METHODS FOR INTEGRATING DYNAMICAL SYSTEMS. Ko Aizu, *Department of Physics, Rikkyo University, Nishi-Ikebukuro 3, Tokyo 171, JAPAN.*

A NONLINEAR IMPLICIT CODE FOR RELATIVISTIC ELECTRON BEAM TRACKING STUDIES. Bertram Hui and Martin Lampe, *Plasma Theory Branch, Code 4790, Naval Research Laboratory, Washington, DC 20375, USA.*