List of Forthcoming Articles

RATIONAL APPROXIMATIONS FOR ZEROS OF BESSEL FUNCTIONS. M. Branders, R. Piessens, and M. De Meue, *Applied Mathematics and Programming Division, University of Leuven, Celestijnenlaan 200 A, B-3030 Heverlee, BELGIUM.*

ALGORITHMS FOR THE SELF-CONSISTENT GENERATION OF MAGNETIC FIELDS IN PLASMAS. G. J. Pert, *Department of Applied Physics, The University of Hull, Hull HU6 7RX, ENGLAND.*

ABSORBING BOUNDARY CONDITION AND BUDDEN TURNING POINT TECHNIQUE FOR ELECTROMAGNETIC PLASMA. T. Tajima, *Institute for Fusion Studies, University of Texas, Austin, TX 78712* and Y. C. Lee, *Department of Physics, University of Maryland, College Park, MD 20742, USA.*

NUMERICAL SOLUTION OF HYPERBOLIC EQUATIONS FOR ELECTRON DRIFT IN STRONGLY NON-UNIFORM ELECTRIC FIELDS. R. Morrow, *CSIRO Division of Applied Physics, Sydney 2070, AUSTRALIA.*

SOME NUMERICAL APPROACHES TO SOLVING ONE-DIMENSIONAL INVERSE PROBLEMS. Frank Hagin, *Department of Mathematics, University of Denver, Denver, CO 80208, USA.*

SELF-CONSISTENT SOLUTIONS OF THE PLASMA TRANSPORT EQUATIONS IN AN AXISYMMETRIC TOROIDAL SYSTEM. S. C. Jardin, *Plasma Physics Laboratory, Princeton University, P.O. Box 451, Princeton, NJ 08544, USA.*

SOLUTION OF THE FOKKER–PLANCK TRANSPORT EQUATION BY MATRIX FACTORIZATION. A. Andrade, T. A. Oliphant, *Los Alamos National Laboratory, P. O. Box 1663, Los Alamos, NM 87545;* and T. Kammash, *Department of Nuclear Engineering, University of Michigan, Ann Arbor, MI 48109, USA.*

ACCELERATION OF THE CONVERGENCE IN VISCOUS FLOW COMPUTATIONS. Alain Rigal, *U.E.R. M.I.G., Université Paul Sabatier, 118, Route de Narbonne, 31062 Toulouse Cedex, FRANCE.*

NEW TECHNIQUES FOR CALCULATING HEAT AND PARTICLE SOURCE RATES DUE TO NEUTRAL BEAM INJECTION IN AXISYMMETRIC TOKAMAKS. R. J. Goldston, D. C. McCune, H. H. Towner, S. L. Davis, R. J. Hawryluk, and G. L. Schmidt, *Plasma Physics Laboratory, Princeton University, P.O. Box 451, Princeton, NJ 08544, USA.*