List of Forthcoming Articles

A New Algorithm for Three-Dimensional Voronoi Tessellation. M. Tanemura, T. Ogawa, and N. Ogita, *The Institute of Statistical Mathematics, 4–6–7 Minami-Azabu, Minato-ku, Tokyo 106, JAPAN.*

A Chebyshev Expansion of Singular Integral Equations with a Logarithmic Kernel. A. Frenkel, *Armament Development Authority, Defence Department, P. O. Box 2250, Haifa, ISRAEL.*

A Chebyshev Expansion of Singular Integrodifferential Equations with a $\partial^2 \ln |s - t|/\partial s\, \partial t$ Kernel. A. Frenkel, *Department of Defence, Armament Development Authority, P. O. Box 2250, Haifa, ISRAEL.*

Suprathermal Electron Energy Deposition in Plasmas with the Fokker-Planck Method. B. R. Wienke, *C-3, Mail Stop B265, Los Alamos National Laboratory, Los Alamos, NM 87545, USA.*

An Automatic Orthonormalization Method for Solving Stiff-Boundary-Value Problems. A. Davey, *School of Mathematics, The University of Newcastle upon Tyne, Newcastle upon Tyne NE1 7RU, ENGLAND.*

Deconvolution of Noisy Experimental Data. G. A. Baker, Jr. and J. E. Brolley, *MS D410, Los Alamos National Laboratory, Los Alamos, NM 87545, USA.*

A Fast Processor for Monte-Carlo Simulation. R. B. Pearson, J. L. Richardson and D. Toussaint, *Department of Electrical and Computer Engineering, University of California, Santa Barbara, CA 93106, USA.*

A Special-Purpose Processor for the Monte-Carlo Simulation of Ising Spin Systems. A. Hoogland, J. Spaa, B. Selman and A. Compagner, *Laboratory of Applied Physics, University of Technology, P. O. Box 5046, 5600 GA Delft, THE NETHERLANDS.*

Numerical Evaluation of Magnetic Coordinates for Particle Transport Studies in Asymmetric Plasmas. G. Kuo-Petravic, A. H. Boozer, *Plasma Physics Laboratory, Princeton University, Princeton, New Jersey 08544;* and J. A. Rome and R. H. Fowler, *Oak Ridge National Laboratory, Oak Ridge, Tennessee 37830, USA.*

Analysis of Some Low Order Finite Element Schemes for the Navier-Stokes Equations. M. J. P. Cullen, *Forecasting Research Branch, Meteorological Office, Met. 0 11, London Road, Bracknell, Berkshire, England RG12 2SZ.*

Experiments with Some Low Order Finite Element Schemes for the Navier-Stokes Equations. M. J. P. Cullen, *Forecasting Research Branch, Meteorological Office, Met. 0 11, London Road, Bracknell, Berkshire, England RG12 2SZ.*

A Numerical Method for Potential Flows with a Free Surface. Andrea Prosperetti, *Istituto di Fisica, Università di Milano, 20133 Milano, ITALY;* and Jeffrey W. Jacobs. *School of Engineering and Applied Science, University of California, Los Angeles, California, USA.*

Optimal Spherical Designs and Numerical Integration on the Sphere. Wolfram Neutsch. *Astronomische Institute der Universität, Auf dem Hügel 71, D-5300 Bonn, FEDERAL REPUBLIC OF GERMANY (W. Germany).*

Non-Polynomial Finite Difference Schemes and the Use of the Fast Fourier Transform. W. M. Pickering, *Department of Applied and Computational Mathematics, The University, Sheffield S10 2TN, ENGLAND.*

Implicit Moment PIC-Hybrid Simulation of Collisional Plasmas. Rodney J. Mason, *X-1, MS-E531, Los Alamos National Laboratory, Los Alamos, New Mexico 87545, USA.*