

List of Forthcoming Articles

- A PRIMITIVE VARIABLE FINITE ELEMENT FORMULATION FOR INVISCID, COMPRESSIBLE FLOW. Clive A. J. Fletcher. *Department of Mechanical Engineering, University of Sydney, Sydney, N. S. W. 2006, AUSTRALIA.*
- FINITE-DIFFERENCE METHODS FOR CALCULATING STEADY INCOMPRESSIBLE FLOWS IN THREE DIMENSIONS. S. C. R. Dennis. *Department of Applied Mathematics, University of Western Ontario, London, Ontario N6A 5B9, CANADA*; D. B. Ingham. *Department of Applied Mathematics, University of Leeds, ENGLAND*; and R. N. Cook. *Department of Mathematics, Central Michigan University, Mount Pleasant, MI, USA.*
- A FINITE-CIRCUIT-ELEMENT CODE FOR MODELING THE COMPRESSION OF A GYRATING CHARGED-PARTICLE BEAM. D. L. Book. *Laboratory for Computational Physics, Naval Research Laboratory, Washington, DC 20375*; P. J. Murchi. *Plasma Physics Division, Naval Research Laboratory, Washington, DC 20375*; and D. L. Stein. *Joseph Henry Laboratory, Princeton University, Princeton, NJ 08540, USA.*
- TWO SCALING TRANSFORMATIONS FOR THE NUMERICAL COMPUTATION OF MULTIDIMENSIONAL UNSTEADY LAMINAR FLAMES. P. J. O'Rourke and F. V. Bracco. *Department of Mechanical and Aerospace Engineering, Princeton University, Princeton, NJ 08540, USA.*
- STABILITY OF TWO-PHASE FLOW CALCULATIONS USING TWO FLUID MODELS. H. Bruce Stewart. *Department of Applied Mathematics, Brookhaven National Laboratory, Upton, NY 11973, USA.*
- A GRAPHICAL METHOD FOR FINDING COMPLEX ROOTS AND EIGENVALUES AND ITS APPLICATION TO PLASMA PHYSICS PROBLEMS. Wayne Pfeiffer. *General Atomic Company, P.O. Box 81608, San Diego, CA 92138, USA.*
- AN IMPROVED LOW-DISCREPANCY SEQUENCE FOR MULTIDIMENSIONAL QUASI-MONTE CARLO INTEGRATION. Eric Braaten and George Weller. *Department of Theoretical Physics, University of Wisconsin-Madison, 4204 Chamberlin, Madison, WI 53706, USA.*
- ON THE PROPERTIES OF COLLISION PROBABILITY INTEGRALS IN ANNULAR GEOMETRY. II. EVALUATION. Michael S. Milgram and Kenneth N. Sly. *Applied Mathematics Branch, Chalk River Laboratories, Atomic Energy of Canada Limited, Chalk River, Ontario K0J 1J0, CANADA.*