List of Forthcoming Articles

DRIVEN CAVITY FLOWS BY EFFICIENT NUMERICAL TECHNIQUES. R. Schreiber, *Department of Computer Science, Stanford University, Stanford, California 94305*; and H. B. Keller, *Applied Mathematics 217–50, California Institute of Technology, Pasadena, California 91125, USA.*

COMPUTATIONAL STUDIES OF FIRST-BORN SCATTERING CROSS SECTIONS. I. SPECTRAL PROPERTIES OF BETHE SURFACES. D. J. Margoliash, *Department of Chemistry, University of Western Ontario, London, Ontario N6A 5B7, CANADA*; and P. W. Langhoff, *Department of Chemistry, Indiana University, Bloomington, Indiana 47405, USA.*

COMPUTATIONAL STUDIES OF FIRST-BORN SCATTERING CROSS SECTIONS. II. MOMENT-THEORY APPROACH. D. J. Margoliash, *Department of Chemistry, University of Western Ontario, London, Ontario N6A 5B7, CANADA*; and P. W. Langhoff, *Department of Chemistry, Indiana University, Bloomington, Indiana 47405, USA.*

STIFFNESS OF THE MASTER EQUATION FOR LOW-TEMPERATURE REACTION RATES. H. O. Pritchard, *Centre for Research in Experimental Space Science, York University, Downsview, Ontario M3J 1P3, CANADA.*

SPURIOUS SOLUTIONS IN DRIVEN CAVITY CALCULATIONS. R. Schreiber, *Department of Computer Science, Stanford University, Stanford, California 94305*; and H. B. Keller, *Applied Mathematics 217–50, California Institute of Technology, Pasadena, California 91125, USA.*

FINITE ELEMENT METHODS FOR STEADY SOLIDIFICATION PROBLEMS. H. M. Ettouney and R. A. Brown, *Department of Chemical Engineering, Massachusetts Institute of Technology, Cambridge, Massachusetts 02138, USA.*

ON THE SYMMETRIC FORM OF SYSTEMS OF CONSERVATION LAWS IN ENTROPY. A. Harten, *School of Mathematical Sciences, Tel-Aviv University, Ramat-Aviv, Tel-Aviv 69978, ISRAEL.*

QUASI-LAGRANGIAN REZONING OF FLUID CODES MAINTAINING AN ORTHOGONAL MESH. G. J. Pert, *Department of Applied Physics, University of Hull, Hull HU6 7RX, GREAT BRITAIN.*

NUMERICAL CALCULATIONS OF DISCONTINUITIES BY SHAPE PRESERVING SPLINES. M. D. Shoucri, *Institut de Recherche de l'Hydro-Quebec, Varrenes, Quebec J0L 2PO, CANADA.*

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