

List of Forthcoming Articles

- SPECTRAL MULTIGRID METHODS WITH APPLICATIONS TO TRANSONIC POTENTIAL FLOW. Craig L. Streett, *NASA Langley Research Center, Mail Stop 259, Hampton, VA 23665*; Thomas A. Zang, *NASA Langley Research Center*; and M. Yousuff Hussaini, *ICASE, NASA Langley Research Center, Hampton, VA 23665, USA*.
- APPROXIMATION ERROR IN THE RATE COEFFICIENTS OF NEUTRAL-ION INTERACTIONS. E. Cupini, A. De Matteis, and R. Simonini, *ENEA—Centro Ricerche Energia, Via Mazzini 2, 40138 Bologna, ITALY*.
- COMPUTER-AIDED ANALYSIS OF THE CONVERGENCE TO STEADY STATE OF DISCRETE APPROXIMATIONS TO THE EULER EQUATIONS. Lars E. Eriksson and Arthur Rizzi, *FFA The Aeronautical Research Institute of Sweden, S-161 11 Bromma, SWEDEN*.
- NUMERICAL SIMULATION OF NONSTATIONARY PROCESSES IN FREE ELECTRON LASERS. Ya. L. Bogomolov and A. D. Yunakovsky, *Institute of Applied Physics of the Academy of Sciences, USSR, 603600 Gorky, USSR*.
- MULTIPLE SCATTERING IN STRATIFIED INHOMOGENEOUS MEDIA. J. J. Sidorowich and W. H. Wells, *Tetra Tech., Inc., 630 N. Rosemead Boulevard, Pasadena, California 91107, USA*.
- FLUX-CORRECTED TRANSPORT AND DIFFUSION ON A NON-UNIFORM MESH. R. Morrow and L. E. Cram, *CSIRO Division of Applied Physics, P. O. Box 218, Lindfield, N.S.W. 2070, AUSTRALIA*.
- A VARIABLE NODE FINITE ELEMENT METHOD. M. Calvin Mosher, *Code 1843, David W. Taylor Naval Ship Research and Development Center, Bethesda, Maryland 20084, USA*.