

List of Forthcoming Articles

- CURRENT PROGRESS AND PROSPECTS IN NUMERICAL TECHNIQUES FOR WEATHER PREDICTION MODELS. M. J. P. Cullen, *Forecasting Research Branch, Met. 0.11, Meteorological Office, London Road, Bracknell, Berkshire RG12 2SZ, ENGLAND.*
- COMPUTATIONAL PROCEDURE FOR STURM-LIOUVILLE PROBLEMS. M. D. Mikhailov and N. L. Vulchanov, *Applied Mathematics Centre, P.O. Box 384, Sofia, BULGARIA.*
- A BAROCLINIC QUASIGEOSTROPHIC OPEN OCEAN MODEL. Robert N. Miller, Allan R. Robinson, and Dale B. Haidvogel, *Division of Applied Sciences, Harvard University, Cambridge, Massachusetts 02138, USA.*
- ORTHOGONAL MAPPING. G. Ryskin and L. G. Leal. *Department of Chemical Engineering, California Institute of Technology, Pasadena, California 91125, USA.*
- MULTISLAB MULTIGROUP TRANSPORT THEORY WITH L -TH ORDER ANISOTROPIC SCATTERING. R. D. M. Garcia and C. E. Siewert, *Departments of Nuclear Engineering and Mathematics, North Carolina State University, Raleigh, North Carolina 27650, USA.*
- NUMERICAL OPTIMIZATION STUDIES OF AXISYMMETRIC UNSTEADY SPRAYS. S. K. Aggarwal, G. J. Fix, D. N. Lee, and W. A. Sirignano, *Department of Mathematics, Carnegie-Mellon University, Schenley Park, Pittsburgh, PA 15213, USA.*
- EXPONENTIAL DIFFERENCE OPERATOR APPROXIMATION FOR THE SIXTH ORDER ONSAGER EQUATION. J. A. Viacelli, L-71, *Lawrence Livermore National Laboratory, University of California, Livermore, California 94550, USA.*
- THE APPLICATION OF A MODIFIED FORM OF THE S_N METHOD TO THE CALCULATION OF SWARM PARAMETERS OF ELECTRONS IN A WEAKLY IONIZED EQUILIBRIUM MEDIUM. Pierre Segur, J.-P. Balaguer, M. Yousfi, *Centre de Physique Atomique, Université Paul Sabatier, 31062 Toulouse Cedex;* and M.-C. Bordage, *École Supérieure d'Électricité, Plateau du Moulon, 91190 Gif-sur-Yvette, FRANCE.*