

List of Forthcoming Articles

- A COMPARATIVE STUDY OF PSEUDO AND QUASI RANDOM SEQUENCES FOR THE SOLUTION OF INTEGRAL EQUATIONS. P. K. Sarkar, *Variable Energy Cyclotron Centre, Calcutta, INDIA*; M. A. Prasad, *Bhabha Atomic Research Centre, Bombay, INDIA*.
- NUMERICAL SOLUTION OF THE SCHROEDINGER EQUATION WITH A NON-LOCAL EXCHANGE KERNEL. Dipak H. Oza and Joseph Callaway, *Louisiana State University, Baton Rouge, LA, USA*.
- ACCURATE EVALUATION OF AN INTEGRAL INVOLVING THE PRODUCT OF TWO BESSEL FUNCTIONS AND A GAUSSIAN. G. H. Rawitscher and E. S. Hirschorn, *University of Connecticut, Storrs, CT, USA*.
- TOWARDS A MORE ACCURATE FLUX CORRECTED TRANSPORT ALGORITHM. E. E. Kunhardt and C. Wu, *Polytechnic Institute of New York, Farmingdale, NY, USA*.
- CLOSED FORM EXPRESSIONS FOR AN INTEGRAL INVOLVING THE COULOMB POTENTIAL. K. McIsaac, J. E. Gottschalk, and E. N. Maslen, *University of Western Australia, Nedlands, Western Australia*.
- CONSTRUCTION OF EXPLICIT AND IMPLICIT SYMMETRIC TVD SCHEMES AND THEIR APPLICATIONS. H. C. Yee, *NASA Ames Research Center, Moffett Field, CA, USA*.
- IMPROVED REGULA FALSI METHOD FOR SOLVING THE SCHRODINGER EQUATION WITH A PIECEWISE CONSTANT POTENTIAL. M. Friedman, *N.R.C.N., Beer Sheva, ISRAEL*; A. Rabinovitch, *Ben Gurion University, Beer Sheva, ISRAEL*.
- INTEGRAL EQUATIONS: A TOOL TO SOLVE THE SCHRODINGER EQUATION. E. Buendia, *Instituto di Fisica dell'Universita and INFN, Pisa, ITALY*; R. Guardiola and M. M. Montoya, *Universidad de Granada, Granada, SPAIN*.
- PROPAGATION OF OCEAN WAVES IN DISCRETE SPECTRAL WAVE MODELS. Nico Booij and Leo H. Holthuijsen, *Delft University of Technology, Delft, THE NETHERLANDS*.
- CALCULATION OF EXTINCTION LIMITS FOR PREMIXED LAMINAR FLAMES IN A STAGNATION POINT FLOW. V. Giovangigli, *Université de Paris and Ecole Centrale des Arts et Manufactures, Chatenay-Malabry, FRANCE*; M. D. Smooke, *Yale University, New Haven, CT, USA*.
- VORTEX SIMULATION OF LAMINAR RECIRCULATING FLOW. Ahmed F. Ghoniem and Yves Gagnon, *Massachusetts Institute of Technology, Cambridge, MA, USA*.
- A METHOD FOR OVERCOMING THE VELOCITY SPACE FILAMENTATION PROBLEM IN COLLISIONLESS PLASMA MODEL SOLUTIONS. Alexander J. Klimas, *Goddard Space Flight Center, Greenbelt, MD, USA*.
- UPDATING FERMIONS WITH THE LANCZOS METHOD. I. M. Barbour, N.-E. Behilil, P. E. Gibbs, M. Rafiz, *University of Glasgow, Glasgow, SCOTLAND*; K. J. M. Moriarty, *Dalhousie University, Halifax, Nova Scotia, CANADA*; G. Schierholz, *Universität Kiel and Deutsches Elektronen-Synchrotron DESY, Hamburg, GERMANY*.