

List of Forthcoming Articles

- SOLVING THREE-BODY INTEGRAL EQUATIONS WITH BLENDING FUNCTIONS. D. Eyre, *National Research Institute for Mathematical Sciences of the CSIR, Pretoria, REPUBLIC OF SOUTH AFRICA.*
- HIGH-FREQUENCY PERTURBATIONAL ANALYSIS OF THE SURFACE POINT-SOURCE RESPONSE OF A LAYERED FLUID. Fadil Santosa, *University of Delaware, Newark, DE, USA*; William W. Symes, *Rice University, Houston, TX, USA.*
- A POSTERIORI ERROR ESTIMATES IN FINITE DIFFERENCE TECHNIQUES. D. W. Kelly, R. J. Mills, J. A. Reizes, *University of New South Wales, Sydney, AUSTRALIA*; A. D. Miller, *C.S.I.R.O., Adelaide, S.A., AUSTRALIA.*
- NUMERICAL TREATMENT OF A BOUNDARY-VALUE PROBLEM FOR A CERTAIN SINGULAR PARABOLIC PARTIAL DIFFERENTIAL EQUATION. Renato Spigler, *Universita di Padova, Padua, ITALY.*
- NUMERICAL SIMULATION FOR CERTAIN STOCHASTIC ORDINARY DIFFERENTIAL EQUATIONS. Renato Spigler, *Universita di Padova, Padua, ITALY.*
- AN IMPROVED ITERATIVE OPTIMIZATION TECHNIQUE FOR THE LEFTMOST EIGENPAIRS OF LARGE SYMMETRIC MATRICES. G. Gambolati, G. Pini, and F. Sartoretto, *Istituto di Matematica Applicata, Padua, ITALY.*
- SOLUTION OF A ROTATING NAVIER-STOKES PROBLEM BY A NONLINEAR MULTIGRID ALGORITHM. Guy Lonsdale, *University of Bradford, Bradford, West Yorkshire, UNITED KINGDOM.*
- AN UNSPLIT, HIGHER ORDER GODUNOV METHOD FOR SCALAR CONSERVATION LAWS IN MULTIPLE DIMENSIONS. John B. Bell, *University of California, Lawrence Livermore National Laboratory, Livermore, CA, USA*; Cling N. Dawson, *Exxon Production Research Company, Houston, TX, USA*; Gregory R. Shubin, *Bellevue, WA, USA.*
- NUMERICAL SOLUTION OF EIGENVALUE PROBLEMS USING THE COMPOUND MATRIX METHOD. S. G. Yiantsios and B. G. Higgins, *University of California, Davis, CA, USA.*
- WEAK DECAY PROCESSES IN LATTICE QCD. R. C. Brower and R. Giles, *Boston University, Boston, MA, USA*; K. J. M. Moriarty, *Dalhousie University, Halifax, Nova Scotia, CANADA.*
- ON SIMPLE MOVING GRID METHODS FOR ONE-DIMENSIONAL EVOLUTIONARY PARTIAL DIFFERENTIAL EQUATIONS. J. G. Blom and J. G. Verwer, *Centre for Mathematics and Computer Science, Amsterdam, THE NETHERLANDS*; J. M. Sanz-Serna, *Universidad de Valladolid, Valladolid, SPAIN.*
- A NEW TECHNIQUE FOR SOLVING PARKER-TYPE WIND EQUATIONS. F. Melia, *University of Chicago, Chicago, IL, USA.*