

## List of Forthcoming Articles

- ON THE INTERPOLATION OF EIGENVALUES AND A RESULTANT INTEGRATION SCHEME. D. D. Koelling and J. H. Wood, *Los Alamos National Laboratory, Los Alamos, NM, USA.*
- A PSEUDOSPECTRAL LEGENDRE METHOD FOR HYPERBOLIC EQUATIONS WITH AN IMPROVED STABILITY CONDITION. Hillel Tal-Ezer, *Tel-Aviv University and Institute for Computer Applications in Science & Engineering, Tel-Aviv, ISRAEL.*
- AN APPLICATION OF THE RANDOM CHOICE METHOD TO REACTIVE GAS WITH MANY CHEMICAL SPECIES. Yasunari Takano, *Tottori University, Tottori, JAPAN.*
- EXTENSION OF THE RENORMALIZED NUMEROV METHOD FOR SECOND ORDER DIFFERENTIAL EIGENVALUE EQUATIONS. J. P. Leroy and R. Wallace, *University of Manitoba, Winnipeg, Manitoba, CANADA.*
- MONTE CARLO TECHNIQUE FOR SIMULATING THE EVOLUTION OF AN ASSEMBLY OF PARTICLES INCREASING IN NUMBERS. E. E. Kunhardt, *Polytechnic Institute of New York, Farmingdale, New York, USA;* Y. Tzeng, *Auburn University, Auburn, Alabama, USA.*
- A TWO-DIMENSIONAL MESH MOVING TECHNIQUE FOR TIME DEPENDENT PARTIAL DIFFERENTIAL EQUATIONS. David C. Arney, *United States Military Academy, West Point, New York, USA;* Joseph E. Flaherty, *Rensselaer Polytechnic Institute, Troy, New York, USA.*
- SOLUTION OF ELLIPTIC PDE'S BY FAST POISSON SOLVERS USING A LOCAL RELAXATION FACTOR. Sin-Chung, Chang, *NASA Lewis Research Center, Cleveland, Ohio, USA.*
- AN ADAPTIVE CHARACTERISTIC PETROV-GALERKIN FINITE ELEMENT METHOD FOR CONVECTION-DOMINATED LINEAR AND NONLINEAR PARABOLIC PROBLEMS IN ONE SPACE VARIABLE. L. Demkowicz and J. T. Oden, *The University of Texas at Austin, Austin, Texas, USA.*
- ON OPERATOR SPLITTING FOR UNSTEADY BOUNDARY VALUE PROBLEMS, C. H. Cooke, *Old Dominion University, Norfolk, Virginia, USA.*
- SIMPLIFIED SECOND-ORDER REZONING ALGORITHM FOR GENERALIZED TWO-DIMENSIONAL MESHES. John D. Ramshaw, *Los Alamos National Laboratory, Los Alamos, New Mexico, USA.*
- NON-RELATIVISTIC NUMERICAL MCSCF FOR ATOMS. F. Biegler-Konig and Juergen Hinze, *Universität Bielefeld, Bielefeld, FEDERAL REPUBLIC OF GERMANY*