List of Forthcoming Articles

A COMPUTATIONAL PROCEDURE FOR CALCULATING MATRIX ELEMENTS AND CLEBSCH-GORDAN COEFFICIENTS OF SIMPLE LIE ALGEBRA. E. Papantonopoulos, *Theoretische Physik, Universität München, Theresienstrasse 37, D-8000 München 2, WEST GERMANY.*

STEADY-STATE SOLUTIONS OF THE EULER EQUATIONS IN TWO DIMENSIONS: ROTATING AND TRANSLATING V-STATES WITH LIMITING CASES. I. NUMERICAL ALGORITHMS AND RESULTS. H. M. Wu, *Computer Center, Academia Sinica, Beijing, CHINA*; E. A. Overman, II, and N. J. Zabusky, *Institute for Computational Mathematics and Applications, Department of Mathematics and Statistics, University of Pittsburgh, Pittsburgh, Pennsylvania 15261, USA.*

ANALYTICAL WAVE FUNCTION NORMALIZATION PROCEDURE. S. V. Chernov, *Institute of Theoretical and Applied Mechanics, USSR Academy of Sciences, Novosibirsk 630090, USSR.*

THE ACCURACY AND PRESERVATION PROPERTY OF THE DISCRETE MECHANICS. Ken-ichi Kanatani, *Department of Computer Science, Gunma University, Kiryu, Gunma 376, JAPAN.*

ON A CLASS OF LEAST-SQUARES CURVE FITTING PROBLEMS. Ian J. M. Booth and Andrew D. Booth, *Institute of Ocean Sciences, P. O. Box 6000, Sidney, BC, CANADA V8L 4B2.*

3D NONLINEAR INCOMPRESSIBLE MHD CALCULATIONS. A. Y. Aydemir and D. C. Barnes, *Institute for Fusion Studies, The University of Texas, RLM 11.222, Austin, Texas 78712, USA.*

AN ALGORITHM FOR THE GENERALIZED EIGENVALUE PROBLEM $Ax = \lambda Bx$. T. Z. Kalamboukis, *Department of Mathematics, University of Crete, Iraclion, Crete, GREECE.*

UNSTEADY SEPARATION. D. B. Ingham, *Department of Applied Mathematical Studies, The University of Leeds, Leeds LS2 9JT, ENGLAND.*

CHEBYSHEV SERIES APPROXIMATIONS FOR THE ZEROS OF THE BESSEL FUNCTIONS. R. Piessens, *Department of Computer Science, University of Leuven, Celestijnenlaan 200A, B-3030 Leuven (Heverlee), BELGIUM.*

ON THE ZEROES OF INFINITE SERIES, M. C. K. Aguilera-Navarro, *Instituto de Matemática e Estatística, USP,* and V. C. Aguilera-Navarro, *Instituto de Física Teórica, 01405 São Paulo, BRASIL.*

ON THE CALCULATION OF WU'S INTEGRAL. Henry E. Fettis, *Apt. 62, 1885 California, Mountain View, California 94041, USA.*

HYPERBOLIC TWO-PRESSURE MODELS FOR TWO-PHASE FLOW. V. H. Ransom, *EG&G Idaho, Inc., Idaho Falls, Idaho 83415*; and D. L. Hicks, *EG&G Idaho, Inc. and Mathematics Department, University of Colorado, Denver, Colorado 80202, USA.*