

List of Forthcoming Articles

RESOLUTION OF DOWNSTREAM BOUNDARY LAYERS IN THE CHEBYSHEV APPROXIMATION TO VISCOUS FLOW PROBLEMS. Dale B. Haidvogel. *Clark Laboratory, Woods Hole Oceanographic Institution, Woods Hole, MA. 02543, USA.*

A SIMPLE REZONING TECHNIQUE FOR USE WITH THE FLUX-CORRECTED TRANSPORT ALGORITHM. R. S. Craxton and R. L. McCrory. *Laboratory for Laser Energetics, University of Rochester, 250 East River Road, Rochester, NY 14623, USA.*

FOURIER REPRESENTATION OF THE COULOMBIC CONTRIBUTIONS TO POLYMER CHAINS. J. G. Fripiat and J. Delhalle. *Laboratoire de Chimie Théorique Appliquée, Facultés Universitaires Notre-Dame de la Paix, 61 rue de Bruxelles, B-5000 Namur, BELGIUM.*

RELIABLE EVALUATION OF GAUSSIAN INTEGRALS. Riho Terras. *Department of Mathematics, C-012, University of California, La Jolla, CA. 92093, USA.*

DIRECT SOLUTION OF THE BIHARMONIC EQUATION USING NON-COUPLED APPROACH. Murli M. Gupta. *Department of Mathematics, The George Washington University, Washington, DC 20052;* and Ram P. Manohar. *Department of Mathematics, University of Saskatchewan, Saskatoon, CANADA S7N 0W0.*

APPLICATION OF THE FINITE ELEMENT METHOD TO THE HYDROGEN ATOM IN A BOX IN AN ELECTRIC FIELD. M. Friedman. *Physics Department, N.R.C.N., P.O. Box 9001, Beer Sheva, ISRAEL;* A. Rabinovitch. *Physics Department, Ben Gurion University, Beer Sheva, ISRAEL;* R. Thieberger. *Physics Department, N.R.C.N., P.O. Box 9001, Beer Sheva and Physics Department, Ben Gurion University, Beer Sheva, ISRAEL.*

AUTOMATIC MESH-POINT CLUSTERING NEAR A BOUNDARY IN GRID GENERATION WITH ELLIPTIC PARTIAL DIFFERENTIAL EQUATIONS. M.S. 202-1. *NASA-Ames Research Center, Moffett Field, CA. 94035, USA.*

BOREL-TYPE SUMS USING TWO-POINT RATIONAL APPROXIMANTS. R. E. Grundy. *Department of Applied Mathematics, University of St. Andrews, St. Andrews, Fife KY16 9SS, SCOTLAND.*