

## List of Forthcoming Articles

- ERROR ANALYSIS FOR THE STEREOLOGICAL ESTIMATION OF SPHERE SIZE DISTRIBUTION—ABEL TYPE INTEGRAL EQUATION. Ken-ichi Kanatani, *Department of Computer Science, Gunma University, Kiryu, Gunma 376*; and Osamu Ishikawa, *Oki Electric Industry, Inc., 1-7-12 Toranomon, Tokyo 105, JAPAN*.
- SYMBOLIC MANIPULATION AND COMPUTATIONAL FLUID DYNAMICS. Stanly Steinberg, *Department of Mathematics and Statistics, University of New Mexico, Albuquerque, NM 87106*. and Patrick J. Roache, *Ecodynamics, P.O. Box 8172, Albuquerque, NM 87108, USA*.
- POINTWISE FEATURE SENSITIVITY ANALYSIS. Johan G. B. Beumee, *Program in Applied Mathematics, Princeton University, Princeton, NJ 08544*; Larry Eno, *Department of Chemistry, Clarkson College, Potsdam, NY 13676*; and Herschel Rabitz, *Department of Chemistry, Princeton, NJ 08544, USA*.
- COMPUTATION OF NATURAL CONVECTION IN TWO-DIMENSIONAL CAVITIES WITH CHEBYSHEV POLYNOMIALS. P. Le Quere, *Lab. d'Energetique Solaire du CNRS*; and T. Alziary de Roquefort, *Lab. d'Etudes Aerodynamiques LA 191, 40 Av. du Recteur Pineau, 86022 Poitiers Cedex, FRANCE*.
- STURMIAN EIGENVALUE EQUATIONS WITH A CHEBYSHEV POLYNOMIAL BASIS. G. Delic, *Department of Physics and Nuclear Physics Research Unit, 1 Jan Smuts Avenue, Johannesburg 2001, SOUTH AFRICA*; and G. H. Rawitscher, *Department of Physics, University of Connecticut, Storrs, Connecticut 06268, USA*.
- THE COMPUTATION OF RADIATION TRANSPORT USING FEAUTRIER VARIABLES. I. STATIC MEDIA. Dimitri Mihalas, *Max-Planck-Institut fur Physik und Astrophysik, Institut fur Astrophysik, Karl-Schwarzschild-Str. 1, D-8046 Garching bei Munchen, Federal Republic of GERMANY*.