

List of Forthcoming Articles

- THE KERNEL METHOD FOR UNFOLDING SPHERE SIZE DISTRIBUTIONS. Peter Hall, *Australian National University, Canberra, AUSTRALIA*; Richard L. Smith, *University of Surrey, Guildford, ENGLAND*.
- DIRECTIONAL CONTROL IN GRID GENERATION. Antonios E. Giannakopoulos and Antonie J. Engel, *Brown University, Providence, RI, USA*.
- ANALYSIS OF MATERIAL INTERFACE DISCONTINUITIES AND SUPERCONVERGENT FLUXES IN FINITE DIFFERENCE THEORY. R. J. MacKinnon and G. F. Carey, *The University of Texas at Austin, Austin, TX, USA*.
- FINITE ELEMENT ANALYSIS OF DIFFUSION WITH REACTION AT A MOVING BOUNDARY. Paul Murray and G. F. Carey, *The University of Texas at Austin, Austin, TX, USA*.
- THE IMPLEMENTATION OF FLUID PHASE MONTE CARLO ON THE DAP. D. J. Adams, *The University, Southampton, UNITED KINGDOM*.
- NONLINEAR-MULTIPLE-FUNCTION SIMULTANEOUS LEAST SQUARES FITTING PROCEDURE. Carlos A. Martin and Gustavo Monti, *Universidad Nacional de Cordoba, Corboda, ARGENTINA*.
- A NUMERICAL APPROACH TO IONIC TRANSPORT THROUGH CHARGED MEMBRANES. S. Mafe, J. Pellicer, and V. M. Aguilera, *Universidad de Valencia, Burjassot, Valencia, SPAIN*.
- QUADRATURE RULES FOR SINGULAR INTEGRALS WITH APPLICATION TO SCHWARZ-CHRISTOFFEL MAPPINGS. J. M. Floryan and Charles Zemach, *Los Alamos National Laboratory, Los Alamos, NM, USA*.
- EFFICIENT VOLUME COMPUTATION FOR THREE-DIMENSIONAL HEXAHEDRAL CELLS. John K. Dukowicz, *Los Alamos National Laboratory, Los Alamos, NM, USA*.