

CONTENTS

VOLUME 65 ISSUE No. 4

10 February 2011

- Nonisothermal two- and three-dimensional flow simulations of inelastic and viscoelastic fluids by a finite-volume method: A. Khalifeh and J.-R. Clermont 341
- Viscous flows in corner regions: Singularities and hidden eigensolutions: J. E. Sprittles and Y. D. Shikhmurzaev 372
- Fast solvers for models of ICEO microfluidic flows: R. R. Shuttleworth, H. C. Elman, K. R. Long and J. A. Templeton 383
- Accurate and efficient simulation of transport in multidimensional flow: B. Latorre, P. Garcia-Navarro, J. Murillo and J. Burguete 405
- Unsteady MHD free convective heat and mass transfer from a vertical porous plate with Hall current, thermal radiation and chemical reaction effects: A. Chamkha, M. A. Mansour and A. Aly 432
- An accurate and efficient semi-implicit method for section-averaged free-surface flow modelling: G. Rosatti, L. Bonaventura, A. Deponti and G. Garegnani 448



Discover papers in this journal online,
ahead of the print issue, through EarlyView® at
wileyonlinelibrary.com

Indexed or abstracted by ASFA: Aquatic Sciences & Fisheries Abstracts (CSA/CIG), Cambridge Scientific Abstracts (CSA/CIG), Chemical Abstracts Service/SciFinder (ACS), COMPENDEX (Elsevier), CompuMath Citation Index® (Thomson ISI), CSA Technology Research Database (CSA/CIG), Current Contents®/Engineering, Computing & Technology (Thomson ISI), FLUIDEX/Fluid Abstracts (Elsevier), INSPEC (IET), International Aeronautical Abstracts & Database (CSA/CIG), International Civil Engineering Abstracts (Emerald), Journal Citation Reports/Science Edition (Thomson ISI), Mathematical Reviews/MathSciNet/Current Mathematical Publications (AMS), Meteorological & Geostrophical Abstracts (CSA/CIG), PASCAL Database (INIST/CNRS), Science Citation Index Expanded™ (Thomson ISI), Science Citation Index® (Thomson ISI), SCOPUS (Elsevier), Shock & Vibration Digest (Sage), Web of Science® (Thomson ISI), Zentralblatt MATH/Mathematics Abstracts (FIZ Karlsruhe).