

CONTENTS

VOLUME 66 ISSUE No. 9

30 July 2011

- Numeric simulation of pollutant dispersion by a control-volume based on finite element method: O. A. Neves, E. C. Romão, J. B. Campos-Silva and L. F. M. Moura 1073
- An efficient curvilinear non-hydrostatic model for simulating surface water waves: D. Y. Choi, C. H. Wu and C.-C. Young 1093
- Spectral element analysis of herringbone-grooved journal bearings with groove-ridge discontinuity: C.-Y. Chen, R.-H. Yen and C.-C. Chang 1116
- A comparative study of direct-forcing immersed boundary-lattice Boltzmann methods for stationary complex boundaries: S. K. Kang and Y. A. Hassan 1132
- Multivariate padé approximation for solving partial differential equations (PDE): V. Turut, E. Çelik and M. Yiğider 1159
- Simulation of gravity currents using the thermal lattice Boltzmann method: Y. Lizhong, Y. Junqi and W. Yafei 1174
- Derivation, implementation, and initial testing of a compressible wall-layer model: R. B. Bond and F. G. Blottner 1183



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

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 & Geostrophysical 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).