

CONTENTS

VOLUME 66 ISSUE No. 12

30 August 2011

A novel implicit numerical treatment for non-linear turbulence models using high and low Reynolds number formulations: M. Assato and M. J. S. de Lemos	1475
Three-dimensional automatic local remeshing for two or more hybrid meshes: Y. Ito, A. M. Shih and B. K. Soni	1495
Dynamic parallel Galerkin domain decomposition procedures with grid modification for parabolic equation: T. Sun and K. Ma	1506
Volume-tracking of subgrid particles: M. Sun	1530
Implementation of phase change thermodynamic probability for unsteady simulation of cavitating flows: A. Asnaghi, E. Jahanbakhsh and M. S. Seif	1555
SHORT COMMUNICATION	
Numerical prediction of isothermally reacting mixing layer using vortex-in-cell and filtered density function: C. Sikiawi and R. E. Milane	1572
Table of Contents, Volume 66	iii



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 (Ssge), Web of Science® (Thomson ISI), Zentralblatt MATH/Mathematics Abstracts (FIZ Karlsruhe).