

*Continued from outside back cover*

- 5129 **Multiscale finite-volume method for parabolic problems arising from compressible multiphase flow in porous media**  
H. Hajibeygi and P. Jenny
- 5148 **A robust and efficient finite volume scheme for the discretization of diffusive flux on extremely skewed meshes in complex geometries**  
Ph. Traoré, Y.M. Ahipo and C. Louste
- 5160 **A cell-centered Lagrangian hydrodynamics scheme on general unstructured meshes in arbitrary dimension**  
G. Carré, S. Del Pino, B. Després and E. Labourasse
- 5184 **A sharp interface finite volume method for elliptic equations on Cartesian grids**  
M. Oevermann, C. Scharfenberg and R. Klein
- 5207 **A transformation-free HOC scheme for incompressible viscous flows past an impulsively started circular cylinder**  
J.C. Kalita and R.K. Ray
- 5237 **Multicloud: Multigrid convergence with a meshless operator**  
A. Katz and A. Jameson
- 5251 **Virtual experiments: Combining realistic neutron scattering instrument and sample simulations**  
E. Farhi, V. Hugouvieux, M.R. Johnson and W. Kob
- 5262 **Finite volume TVD formulation of lattice Boltzmann simulation on unstructured mesh**  
D.V. Patil and K.N. Lakshmisha
- 5280 **Nondissipative and energy-stable high-order finite-difference interface schemes for 2-D patch-refined grids**  
R.M.J. Kramer, C. Pantano and D.I. Pullin
- 5298 **An exactly conservative particle method for one dimensional scalar conservation laws**  
Y. Farjoun and B. Seibold