

Continued from outside back cover

- 2605 **A Legendre spectral element model for sloshing and acoustic analysis in nearly incompressible fluids**
D. Krishna Kishor, S. Gopalakrishnan and R. Ganguli
- 2625 **Numerical modeling of transport barrier formation**
M.Z. Tokar
- 2634 **Statistical relevance of vorticity conservation in the Hamiltonian particle-mesh method**
S. Dubinkina and J. Frank
- 2649 **An adaptive inverse iteration for Maxwell eigenvalue problem based on edge elements**
J. Chen, Y. Xu and J. Zou
- 2659 **Diffusion front capturing schemes for a class of Fokker–Planck equations: Application to the relativistic heat equation**
A. Marquina
- 2675 **Finite difference methods for second order in space, first order in time hyperbolic systems and the linear shifted wave equation as a model problem in numerical relativity**
M. Chirvasa and S. Husa
- 2697 **Shape and topology optimization based on the phase field method and sensitivity analysis**
A. Takezawa, S. Nishiwaki and M. Kitamura
- 2719 **Second order front tracking for the Euler equations**
J.A.S. Witteveen
- 2740 **Two-phase free-surface fluid dynamics on moving domains**
M. Preisig and T. Zimmermann