

Continued from outside back cover

- 5043 **The Monge–Ampère equation: Various forms and numerical solution**
V. Zheligovsky, O. Podvigina and U. Frisch
- 5062 **Variational piecewise constant level set methods for shape optimization of a two-density drum**
S. Zhu, Q. Wu and C. Liu
- 5090 **Curvilinear finite-volume schemes using high-order compact interpolation**
A. Fosso P., H. Deniau, F. Sicot and P. Sagaut
- 5123 **Parallel finite element simulations of incompressible viscous fluid flow by domain decomposition with Lagrange multipliers**
C.A. Rivera, M. Heniche, R. Glowinski and P.A. Tanguy
- 5144 **A non-uniform basis order for the discontinuous Galerkin method of the 3D dissipative wave equation with perfectly matched layer**
T. Lähivaara and T. Huttunen
- 5161 **From h to p efficiently: Implementing finite and spectral/ hp element methods to achieve optimal performance for low- and high-order discretisations**
P.E.J. Vos, S.J. Sherwin and R.M. Kirby
- 5182 **ADI spectral collocation methods for parabolic problems**
B. Bialecki and J. de Frutos
- 5194 **Numerical simulations of two-dimensional foam by the immersed boundary method**
Y. Kim, M.-C. Lai and C.S. Peskin
- 5208 **The immersed boundary method for advection–electrodiffusion with implicit timestepping and local mesh refinement**
P. Lee, B.E. Griffith and C.S. Peskin
- 5228 **Adjoint wall functions: A new concept for use in aerodynamic shape optimization**
A.S. Zymaris, D.I. Papadimitriou, K.C. Giannakoglou and C. Othmer
- 5246 **A multi-phase level set framework for source reconstruction in bioluminescence tomography**
H. Huang, X. Qu, J. Liang, X. He, X. Chen, D. Yang and J. Tian
- 5257 **A hybrid numerical simulation of isotropic compressible turbulence**
J. Wang, L.-P. Wang, Z. Xiao, Y. Shi and S. Chen
- 5280 **Regularizing a vortex sheet near a separation point**
S. Alben