

<i>Vinai K. Singh, Qin Sheng</i> : Editorial: Bridging the science and technology by modern mathematical methods and high performance computing	177
<i>Luca Formaggia, Federico Gatti, Stefano Zonca</i> : An XFEM/DG approach for fluid-structure interaction problems with contact	183
<i>Chun-Hua Zhang, Jun-Wei Jin, Hai-Wei Sun, Qin Sheng</i> : A spatially sixth-order hybrid L_1 -CCD method for solving time fractional Schrödinger equations	213
<i>Ikbal Hossein Sarkar, Joydeb Bhattacharyya, Samares Pal</i> : Herbivore harvesting and alternative steady states in coral reefs	233
<i>Katsuhisa Ozaki, Takeshi Terao, Takeshi Ogita, Takahiro Katagiri</i> : Verified numerical computations for large-scale linear systems	269
<i>Gabor Tajnafoi, Rossella Arcucci, Laetitia Mottet, Carolanne Vouriot, Miguel Molina-Solana, Christopher Pain, Yi-Ke Guo</i> : Variational Gaussian process for optimal sensor placement	287