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Hyperbolic Problems Theory, Numerics and Applications Volume 1 (English Edition)

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Higher Education Press, 2012. Hardcover. Book Condition: New. 1st Edition. Pages:364 Format: 23 x 15.4 x 2.6 cm Weight: 862 g Language: English This book contains 80 original research and review papers which are written by leading researchers and promising young scientists, which cover a diverse range of multi- disciplinary topics addressing theoretical, modeling and computational issues arising under the umbrella of ""Hyperbolic Partial Differential Equations"". It is aimed at mathematicians, researchers in applied sciences and graduate students Volume 1 Plenary Talks Stefano Bianchini SBV Regularity for Scalar Conservation Laws Ulrik S. Fjordholm, Siddhartha Mishra, Eitan Tadmor Entropy Stable ENO Scheme Feimin Huang Large Time Behavior of Solutions for Compressible Navier-Stokes Equations Yoshiyuki Kagei On Asymptotic Behavior of Solutions of the Compressible Navier-Stokes Equation around a Parallel Flow Tai-Ping Liu, Yanni Zeng On Nonlinear Stability of Viscous Shock Waves with Physical Viscosity Tao Luo, Joel Smoller Stellar Structure, Dynamics and Stability Evgueni Yu. Panov On Some Non-strictly Hyperbolic Systems of Conservation Laws Denis Serve Irrotational Flows for Chaplygin Gas: Conical Waves Invited Talks Boris Andreianov Dissipative Coupling of Scalar Conservation Laws across an Interface: Theory and Applications Daniel Balagué, José A. Carrillo Aggregation Equation with Growing at Infinity Attractive-repulsive Potentials...

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