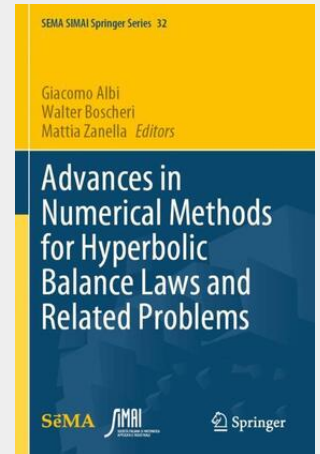


Advances in Numerical Methods for Hyperbolic Balance Laws and Related Problems

A broad range of phenomena in science and technology can be described by non-linear partial differential equations characterized by systems of conservation laws with source terms. Well known examples are hyperbolic systems with source terms, kinetic equations, and convection-reaction-diffusion equations. This book collects research advances in numerical methods for hyperbolic balance laws and kinetic equations together with related modelling aspects. All the contributions are based on the talks of the speakers of the Young Researchers' Conference "Numerical Aspects of Hyperbolic Balance Laws and Related Problems", hosted at the University of Verona, Italy, in December 2021.

A broad range of phenomena in science and technology can be described by non-linear partial differential equations characterized by systems of conservation laws with source terms. Well known examples are hyperbolic systems with source terms, kinetic equations, and convection-reaction-diffusion equations. This book collects research advances in numerical methods for hyperbolic balance laws and kinetic equations together with related modelling aspects. All the contributions are based on the talks of the speakers of the Young Researchers' Conference "Numerical Aspects of Hyperbolic Balance Laws and Related Problems", hosted at the University of Verona, Italy, in December 2021.



192,59 €

179,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783031298776

Medium: Buch

ISBN: 978-3-031-29877-6

Verlag: Springer Nature Switzerland

Erscheinungstermin: 04.06.2024

Sprache(n): Englisch

Auflage: 2023

Serie: SEMA SIMAI Springer Series

Produktform: Kartoniert

Gewicht: 376 g

Seiten: 234

Format (B x H): 155 x 235 mm

