Record Nr. UNINA9910480001803321 Recent advances in scientific computing and partial differential **Titolo** equations: international conference on the occasion of Stanley Osher's 60th birthday, December 12-15, 2002, Hong Kong Baptist University, Hong Kong / / S.Y. Cheng, C.-W. Shu, T. Tang, editors Pubbl/distr/stampa Providence, Rhode Island:,: American Mathematical Society,, [2003] ©2003 **ISBN** 0-8218-7920-0 0-8218-3155-0 Descrizione fisica 1 online resource (234 p.) Collana Contemporary mathematics, , 0271-4132 ; ; 330 Disciplina 502/.85 Soggetti Science - Data processing Differential equations, Partial Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references. ""Contents"": ""Preface"": ""Dedication"": ""Systems of Particles Involving Nota di contenuto Permutations and their Continuous Limits""; ""A Reduced Order Model for Epitaxial Growth""; ""On the Role of the BV Image Model in Image Restoration""; ""The Heterogeneous Multi-Scale Method for Interface Dynamics""; ""On the Engquist Majda Absorbing Boundary Conditions for Hyperbolic Systems""; ""Minimal Vertical Singular Diffusion Preventing Overturning for the Burgers Equation"" ""hp-Version Discontinuous Galerkin Methods with Interior Penalty for Partial Differential Equations with Nonnegative Characteristic Form""" Trigonometric Spectral Collocation Methods on Lattices"": ""Approximation of Exact Boundary Controllability Problems for the 1-D Wave Equation by Optimization-Based Methods""; ""Some Low Order Quadrilateral Reissner-Mindlin Plate Elements""; ""Multi-Dimensional Moving Mesh Methods for Shock Computations""; ""Stochastic Differential Equations for Driven Lattice Systems""; ""Universal Solver CIP for All Phases of Matter""