1. Record Nr. UNINA9910416122103321 Autore Sherwin Spencer J Titolo Spectral and High Order Methods for Partial Differential Equations ICOSAHOM 2018: Selected Papers from the ICOSAHOM Conference, London, UK, July 9-13, 2018 / / edited by Spencer J. Sherwin, David Moxey, Joaquim Peiró, Peter E. Vincent, Christoph Schwab Springer Nature, 2020 Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2020 **ISBN** 3-030-39647-9 Edizione [1st ed. 2020.] 1 online resource (XI, 658 p. 178 illus., 151 illus. in color.) Descrizione fisica Collana Lecture Notes in Computational Science and Engineering, , 1439-7358; ; 134 Disciplina 515.353 Soggetti Partial differential equations Numerical analysis Partial Differential Equations **Numerical Analysis** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Stability of wall boundary condition procedures for discontinuous Nota di contenuto Galerkin spectral element approximations of the compressible Euler equations -- On the order reduction of entropy stable DGSEMfor the compressible Euler equations -- A review of regular decompositions of vector fields - continuous, discrete, and structure-preserving -- Model

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Sommario/riassunto

This open access book features a selection of high-quality papers from the presentations at the International Conference on Spectral and High-Order Methods 2018, offering an overview of the depth and breadth of the activities within this important research area. The carefully reviewed papers provide a snapshot of the state of the art, while the extensive bibliography helps initiate new research directions.