1.	Record Nr.	UNINA9910484702203321
	Titolo	Efficient high-order discretizations for computational fluid dynamics / / edited by Martin Kronbichler, Per Olof Persson
	Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] 2021
	ISBN	3-030-60610-4
	Edizione	[1st ed. 2021.]
	Descrizione fisica	1 online resource (VII, 311 p. 88 illus., 56 illus. in color.)
	Collana	CISM International Centre for Mechanical Sciences, Courses and Lectures, , 0254-1971 ; ; 602
	Disciplina	620.1064
	Soggetti	Computational fluid dynamics Discretization (Mathematics)
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes index.
	Nota di contenuto	The Discontinuous Galerkin Methods: Derivation and Properties -- High-Performance Implementation of Discontinuous Galerkin Methods with Application in Fluid Flow. Construction of Modern Robust Nodal Discontinuous Galerkin Spectral Element Methods for the Compressible Navier-Stokes Equations -- p-Multigrid High-Order Discontinuous Galerkin Solution of Compressible Flows -- High-Order Accurate Time Integration and Efficient Implicit Solvers -- An Introduction to the Hybridizable Discontinuous Galerkin Method -- High-Order Methods for Simulation in Engineering.
	Sommario/riassunto	The book introduces modern high-order methods for computational fluid dynamics. As compared to low order finite volumes predominant in today's production codes, higher order discretizations significantly reduce dispersion errors, the main source of error in long-time simulations of flow at higher Reynolds numbers. A major goal of this book is to teach the basics of the discontinuous Galerkin (DG) method in terms of its finite volume and finite element ingredients. It also discusses the computational efficiency of high-order methods versus state-of-the-art low order methods in the finite difference context, given that accuracy requirements in engineering are often not overly strict. The book mainly addresses researchers and doctoral students in engineering, applied mathematics, physics and high-performance

computing with a strong interest in the interdisciplinary aspects of computational fluid dynamics. It is also well-suited for practicing computational engineers who would like to gain an overview of discontinuous Galerkin methods, modern algorithmic realizations, and high-performance implementations.

2.	Record Nr.	UNICAMPANIAVAN00300563
	Titolo	Tempi del diritto : età medievale, moderna, contemporanea / P. Alvazzi Del Frate ... [et al.] ; coordinamento a cura di Elio Tavilla
	Pubbl/distr/stampa	Torino, : Giappichelli, 2025
	ISBN	979-12-211-1406-5
	Edizione	[4. ed]
	Descrizione fisica	XXII, 468 p. ; 24 cm
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia