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Descrizione fisica	1 online resource (405 p.)
Collana	Notes on Numerical Fluid Mechanics and Multidisciplinary Design, , 1860-0824 ; ; 127
Disciplina	621.4025
Soggetti	Fluid mechanics Industrial engineering Production engineering Mathematical physics Engineering Fluid Dynamics Industrial and Production Engineering Theoretical, Mathematical and Computational Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Flow Control & Turbomachines -- Combustion -- Constant Volume Combustion -- Reduced Order Modeling. .
Sommario/riassunto	The book reports on the latest theoretical and experimental advances in the field of active flow and combustion control. It covers new developments in actuator technology and sensing, in robust and optimal open- and closed-loop control, as well as in model reduction for control. It collects contributions presented during the third edition of the Active Flow and Combustion Control conference, held in September 10-12, 2014 at the Technische Universität Berlin (Germany). This conference, as well as the research presented in the book, have been supported by the collaborative research center SFB 1029 - Substantial efficiency increase in gas turbines through direct use of coupled unsteady combustion and flow dynamics, funded by the DFG (German Research Foundation).

