1.	Record Nr.	UNINA9910141259203321
	Autore	Kuo Kenneth K
	Titolo	Fundamentals of turbulent and multiphase combustion [[electronic resource] /] / Kenneth K. Kuo, Ragini Acharya
	Pubbl/distr/stampa	Hoboken, N.J., : Wiley, c2012
	ISBN	1-118-09929-X
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	Descrizione fisica	1 online resource (914 p.)
	Classificazione	SCI065000
	Altri autori (Persone)	AcharyaRagini
	Disciplina	541.361
	Soggetti	Turbulence
		Multiphase flow - Mathematical models
		Combustion - Mathematical models
	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 and index.
	Nota di contenuto	Fundamentals of Turbulent and Multiphase Combustion; Contents; Preface; Chapter 1 Introduction and Conservation Equations; 1.1 Why Is Turbulent and Multiphase Combustion Important?; 1.2 Different Applications for Turbulent and Multiphase Combustion; 1.2.1 Applications in High Rates of Combustion of Materials for Propulsion Systems; 1.2.2 Applications in Power Generation; 1.2.3 Applications in Process Industry; 1.2.4 Applications in Household and Industrial Heating; 1.2.5 Applications in Safety Protections for Unwanted Combustion; 1.2.6 Applications in Ignition of Various Combustible Materials
		1.2.7 Applications in Emission Control of Combustion Products1.2.8 Applications in Active Control of Combustion Processes; 1.3 Objectives of Combustion Modeling; 1.4 Combustion-Related Constituent Disciplines; 1.5 General Approach for Solving Combustion Problems; 1.6 Governing Equations for Combustion Models; 1.6.1 Conservation Equations; 1.6.2 Transport Equations; 1.6.3 Common Assumptions Made in Combustion Models; 1.6.4 Equation of State; 1.6.4.1 High-

| Sommario/riassunto | Detailed coverage of advanced combustion topics from the author of Principles of Combustion, Second Edition Turbulence, turbulent combustion, and multiphase reacting flows have become major research topics in recent decades due to their application across diverse fields, including energy, environment, propulsion, transportation, industrial safety, and nanotechnology. Most of the knowledge accumulated from this research has never been published in book form-until now. Fundamentals of Turbulent and Multiphase Combustion presents up-to-date, integrated coverage of the fundamentals of tur |

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Record Nr.	UNIORUON00012710
Titolo	American-East Asian relations : a survey / ed. by Ernest R. May and James C. Thomson Jr
Pubbl/distr/stampa	Cambridge ((Mass.), : Harvard University Press, 1972
Descrizione fisica	xv,425 p. ; 24 cm
Classificazione	EO IV
Soggetti	ESTREMO ORIENTE - STORIA - SEC. XX
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia