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	Autore	Mehmood Ahmer
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	Descrizione fisica	1 online resource (XXVII, 193 p. 73 illus., 2 illus. in color.)
	Collana	Mathematical Engineering, , 2192-4732
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	Soggetti	Fluid mechanics
		Mathematical physics
		Fluids
		Mathematical models
		Engineering Fluid Dynamics
		Mathematical Applications in the Physical Sciences
		Fluid- and Aerodynamics
		Mathematical Modeling and Industrial Mathematics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
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	Nota di bibliografia	Includes bibliographical references at the end of each chapters.
	Nota di contenuto	Part A. Essential fundamental material -- Part B. Self-similar flows -- Part C. Non-similar flows -- Part D. Turbulent flows.
	Sommario/riassunto	This authored monograph provides a detailed discussion of the boundary layer flow due to a moving plate. The topical focus lies on the 2- and 3-dimensional case, considering axially symmetric and unsteady flows. The author derives a criterion for the self-similar and non-similar flow, and the turbulent flow due to a stretching or shrinking sheet is also discussed. The target audience primarily comprises research experts in the field of boundary layer flow, but the book will also be beneficial for graduate students.