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	Descrizione fisica	1 online resource (X, 124 p. 3 illus., 1 illus. in color.)
	Disciplina	519.5
	Soggetti	Statistics
		Statistical Theory and Methods
		Statistics for Business, Management, Economics, Finance, Insurance
		Statistics for Engineering, Physics, Computer Science, Chemistry and Earth Sciences
		Statistics for Social Sciences, Humanities, Law
		Statistics for Life Sciences, Medicine, Health Sciences
	Lingua di pubblicazione	Inglese
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	Livello bibliografico	Monografia
	Nota di contenuto	Introduction and Examples -- Empirical Measure, Empirical Processes -- Goodness-of-fit Tests -- Rank Tests -- Asymptotics of Linear Resampling Statistics -- Bootstrap Methods for Linear Models -- Projection Tests -- Some Extensions.
	Sommario/riassunto	This textbook provides a self-contained presentation of the main concepts and methods of nonparametric statistical testing, with a particular focus on the theoretical foundations of goodness-of-fit tests, rank tests, resampling tests, and projection tests. The substitution principle is employed as a unified approach to the nonparametric test problems discussed. In addition to mathematical theory, it also includes numerous examples and computer implementations. The book is intended for advanced undergraduate, graduate, and postdoc students as well as young researchers. Readers should be familiar with the basic concepts of mathematical statistics typically covered in introductory statistics courses.