1.	Record Nr.	UNINA9910454078503321
	Titolo	Development of modern statistics and related topics [[electronic resource]] : in celebration of Prof. Yaoting Zhang's 70th birthday / / edited by Heping Zhang, Jian Huang
	Pubbl/distr/stampa	River Edge, NJ, : World Scientific Pub. Co., c2003
	ISBN	1-281-95609-0
		9786611956097
		981-279-670-3
	Descrizione fisica	1 online resource (301 p.)
	Collana	Series in biostatistics ; ; v. 1
	Altri autori (Persone)	ZhangYaoting <1933->
		ZhangHeping
		HuangJian
	Disciplina	519.5
	Soggetti	Statistics
		Electronic books.
	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.
	Nota di contenuto	Contents ; Preface ; An Interview with Professor Yaoting Zhang ; Growing Up ; Professor Paolu Hsu and Statistics ; During the 'Culture Revolution' ; After 'Culture Revolution' ; I am Proud of My Students ; Significance Level in Interval Mapping ; 1. Introduction ; 2. Known Results 3. A Combined Approximation 4. The Interval Mapping Process in the Gaussian Limit ; 5. Likelihood Ratio Transformation ; 6. Rice-Davies Approximation ; 7. Evaluation of (9) ; 8. Remarks ; References ; An Asymptotic Pythagorean Identity ; 1. Introduction 2. Pythagorean Identity for Variance Calculation 3. Examples ; 4. Remarks ; References ; A Monte Carlo Gap Test in Computing HPD Regions ; 1. Introduction ; 2. Current Monte Carlo Methods

| Sommario/riassunto | This book encompasses a wide range of important topics. The articles cover the following areas: asymptotic theory and inference, biostatistics, economics and finance, statistical computing and Bayesian statistics, and statistical genetics. Specifically, the issues that are studied include large deviation, deviation inequalities, local sensitivity of model misspecification in likelihood inference, empirical likelihood confidence intervals, uniform convergence rates in density estimation, randomized designs in clinical trials, MCMC and EM algorithms, approximation of p-values in multipoint link |