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Titolo	Statistics for Mathematicians : A Rigorous First Course // by Victor M. Panaretos
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Descrizione fisica	1 online resource (XV, 177 p. 17 illus., 15 illus. in color.)
Collana	Compact Textbooks in Mathematics, , 2296-455X
Disciplina	519.5
Soggetti	Statistics Probabilities Statistical Theory and Methods Statistics in Engineering, Physics, Computer Science, Chemistry and Earth Sciences Statistics in Business, Management, Economics, Finance, Insurance Probability Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Foreword -- Regular Probability Models -- Sampling From Probability Distributions -- Point Estimation of Model Parameters -- Tests of Hypotheses for Model Parameters -- Confidence Intervals for Model Parameters -- Appendix -- Bibliography.
Sommario/riassunto	This textbook provides a coherent introduction to the main concepts and methods of one-parameter statistical inference. Intended for students of Mathematics taking their first course in Statistics, the focus is on Statistics for Mathematicians rather than on Mathematical Statistics. The goal is not to focus on the mathematical/theoretical aspects of the subject, but rather to provide an introduction to the subject tailored to the mindset and tastes of Mathematics students, who are sometimes turned off by the informal nature of Statistics courses. This book can be used as the basis for an elementary semester-long first course on Statistics with a firm sense of direction that does not sacrifice rigor. The deeper goal of the text is to attract the attention of promising Mathematics students.

