Record Nr. UNISALENTO991003377469707536 Autore Panaretos, Victor M. Titolo Statistics for mathematicians: a rigorous first course / Victor M. **Panaretos** Switzerland: Birkhäuser, 2016 Pubbl/distr/stampa **ISBN** 9783319283395 Descrizione fisica xv, 177 p.: ill. (some color); 23 cm Collana Compact textbooks in mathematics, 2296-4568 Classificazione AMS 62-XX LC QA276.P36 Disciplina 519.5 Soggetti Mathematical statistics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references Foreword: Regular Probability Models: Sampling From Probability Nota di contenuto 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