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	Autore	LEONI, Michele
	Titolo	Problematiche in teme di autovelox : con rassegna giurisprudenziale / Michela Leoni
	Pubbl/distr/stampa	Padova : CEDAM, 1995
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2.	Record Nr.	UNINA9910961669303321
	Autore	Rotar Vladimir I.
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front Cover; Decation; Preface; Contents; Introduction; Chapter 1. Basic Notions; Chapter 2. Independence and Conditional Probability; Chapter 3. Discrete Random Variables; Chapter 4. Generating Functions. Branching Processes. Random Walk Revisited; Chapter 5. Markov Chains; Chapter 6. Continuous Random Variables; Chapter 7. Distributions in the General Case. Simulation; Chapter 8. Moment Generating Functions; Chapter 9. The Central Limit Theorem for Independent Random Variables; Chapter 10. Covariance Analysis. The Multivariate Normal Distribution. The Multivariate Central Limit Theorem Chapter 11. Maxima and Minima of Random Variables. Elements of Reliability Theory. Hazard Rate and Survival ProbabilitiesChapter 12. Stochastic Processes: Preliminaries; Chapter 13. Counting and Queuing Processes. Birth and Death Processes: A General Scheme; Chapter 14. Elements of Renewal Theory; Chapter 15. Martingales in Discrete Time; Chapter 16. Brownian Motion and Martingales in Continuous Time; Chapter 17. More on Dependency Structures; Chapter 18. Comparison of Random Variables. Risk Evaluation; Appendix. Tables. Some Facts from Calculus and the Theory of Interest; References Answers to Exercises
Sommario/riassunto	A First Course in Probability with an Emphasis on Stochastic ModelingProbability and Stochastic Modeling not only covers all the topics found in a traditional introductory probability course, but also emphasizes stochastic modeling, including Markov chains, birth-death processes, and reliability models. Unlike most undergraduate-level probability texts, the book also focuses on increasingly important areas, such as martingales, classification of dependency structures, and risk evaluation. Numerous examples, exercises, and models using real-world data demonstrate the practical possibilities and restrictions of different approaches and help students grasp general concepts and theoretical results.