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Nota di contenuto	Cover -- Table of Contents -- 1. Introduction to Statistics and Probability -- 2. Random Variables, Distributions, and Expectations -- 3. Some Probability Distributions -- 4. Sampling Distributions and Data Descriptions -- 5. One- and Two-Sample Estimation Problems -- 6. One- and Two-Sample Tests of Hypotheses -- 7. One-Factor Experiments: General -- 8. Factorial Experiments (Two or More Factors) -- 9. Linear Regression -- Bibliography -- Appendix: Statistical Tables and Proofs -- Index.
Sommario/riassunto	For junior/senior undergraduates taking a one-semester probability and statistics course as applied to engineering, science, or computer science. This text covers the essential topics needed for a fundamental understanding of basic statistics and its applications in the fields of engineering and the sciences. Interesting, relevant applications use real data from actual studies, showing how the concepts and methods can be used to solve problems in the field. Students using this text should have the equivalent of the completion of one semester of differential and integral calculus. .