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Autore	Wu Lang <1963->
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Nota di contenuto	Frontmatter -- Preface -- Contents -- Chapter 1 Introduction -- Chapter 2 Principal Components Analysis -- Chapter 3 Factor Analysis -- Chapter 4 Discriminant Analysis and Cluster Analysis -- Chapter 5 Inference for a Multivariate Normal Population -- Chapter 6 Discrete or Categorical Multivariate Data -- Chapter 7 Copula Models -- Chapter 8 Linear and Nonlinear Regression Models -- Chapter 9 Generalized Linear Models -- Chapter 10 Multivariate Regression and MANOVA Models -- Chapter 11 Longitudinal Data, Panel Data, and Repeated Measurements -- Chapter 12 Methods for Missing Data -- Chapter 13 Robust Multivariate Analysis -- Chapter 14 Selected Topics -- References
Sommario/riassunto	Multivariate analysis is a popular area in statistics and data. This book provides a good balance between conceptual understanding, key theoretical presentation, and detailed implementation with software R for commonly used multivariate analysis models and methods in practice.