

1. Record Nr.	UNINA9910141438803321
Autore	Rencher Alvin C. <1934->
Titolo	Methods of multivariate analysis [[electronic resource] /] / Alvin C. Rencher, William F. Christensen
Pubbl/distr/stampa	Hoboken, N.J., : Wiley, c2012
ISBN	1-118-39167-5 1-282-24188-5 9786613813008 1-118-39168-3 1-118-30458-6 1-118-39165-9
Edizione	[3rd ed.]
Descrizione fisica	1 online resource (xxv, 758 p.) : ill
Collana	Wiley series in probability and statistics
Classificazione	MAT029020
Altri autori (Persone)	ChristensenWilliam F. <1970->
Disciplina	519.5/35
Soggetti	Multivariate analysis Anàlisi multivariable Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Introduction; 2. Matrix Algebra; 3. Characterizing and Displaying Multivariate Data; 4. The Multivariate Normal Distribution; 5. Tests on One or Two Mean Vectors; 6. Multivariate Analysis of Variance; 7. Tests on Covariance Matrices; 8. Discriminant Analysis: Description of Group Separation; 9. Classification Analysis: Allocation of Observations to Groups; 10. Multivariate Regression; 11. Canonical Correlation; 12. Principal Component Analysis; 13. Exploratory Factor Analysis; 14. Confirmatory Factor Analysis; 15. Cluster Analysis; 16. Graphical Procedures; Appendix A: Tables; Appendix B: Answers and Hints to Problems; Appendix C: Data Sets and SAS Files; References; Index.
Sommario/riassunto	"This new edition, now with a co-author, offers a complete and up-to-date examination of the field. The authors have streamlined previously tedious topics, such as multivariate regression and MANOVA techniques, to add newer, more timely content. Each chapter contains exercises, providing readers with the opportunity to test and extend their understanding. The new edition also presents several expanded

topics in Kronecker product; prediction errors; maximum likelihood estimation; and selective key, but accessible proofs. This resource meets the needs of both statistics majors and those of students and professionals in other fields"--

---