

1. Record Nr.	UNINA9910461571103321
Autore	Eshel Gidon <1958->
Titolo	Spatiotemporal data analysis // Gidon Eshel
Pubbl/distr/stampa	Princeton : , : Princeton University Press, , [2012] ©2012
ISBN	1-4008-4063-5
Edizione	[Course Book]
Descrizione fisica	1 online resource (336 p.)
Disciplina	519.5/36
Soggetti	Spatial analysis (Statistics) Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Contents -- Preface -- Acknowledgments -- Part 1. Foundations -- One. Introduction and Motivation -- Two. Notation and Basic Operations -- Three. Matrix Properties, Fundamental Spaces, Orthogonality -- Four. Introduction to Eigenanalysis -- Five. The Algebraic Operation of SVD -- Part 2. Methods of Data Analysis -- Six. The Gray World of Practical Data Analysis: An Introduction to Part 2 -- Seven. Statistics in Deterministic Sciences: An Introduction -- Eight. Autocorrelation -- Nine. Regression and Least Squares -- Ten. The Fundamental Theorem of Linear Algebra -- Eleven. Empirical Orthogonal Functions -- Twelve. The SVD Analysis of Two Fields -- Thirteen. Suggested Homework -- Index
Sommario/riassunto	"A severe thunderstorm morphs into a tornado that cuts a swath of destruction through Oklahoma. How do we study the storm's mutation into a deadly twister? Avian flu cases are reported in China. How do we characterize the spread of the flu, potentially preventing an epidemic? The way to answer important questions like these is to analyze the spatial and temporal characteristics--origin, rates, and frequencies--of these phenomena. This comprehensive text introduces advanced undergraduate students, graduate students, and researchers to the statistical and algebraic methods used to analyze spatiotemporal data in a range of fields, including climate science, geophysics, ecology, astrophysics, and medicine. Gidon Eshel begins with a concise yet

detailed primer on linear algebra, providing readers with the mathematical foundations needed for data analysis. He then fully explains the theory and methods for analyzing spatiotemporal data, guiding readers from the basics to the most advanced applications. This self-contained, practical guide to the analysis of multidimensional data sets features a wealth of real-world examples as well as sample homework exercises and suggested exams"--

2. Record Nr.	UNINA9910790764903321
Autore	Klee Anne
Titolo	EPPP fundamentals : review for the examination for professional practice in psychology / / Anne Klee & Bret A. Moore, editors
Pubbl/distr/stampa	New York : , : Springer Pub. Company, , [2014] ©2014
ISBN	0-8261-9974-7
Descrizione fisica	1 online resource (388 p.)
Altri autori (Persone)	KleeAnne MooreBret A
Disciplina	150.76
Soggetti	Psychology - Practice Psychologists - Certification
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Biological bases of behavior -- Cognitive-affective bases of behavior -- Social and cultural bases of behavior -- Growth and lifespan development -- Assessment and diagnosis -- Treatment, intervention, prevention, and supervision -- Research methods and statistics -- Ethical/legal/professional issues.
Sommario/riassunto	This authoritative guide to the EPPP provides an affordable and comprehensive review of core exam content and includes over 300 sample questions. The guide goes beyond merely "teaching the test" by including contributions from the directors of top psychology training and internship programs in the US. This approach helps users to obtain the depth and breadth of knowledge required for passing the exam,

and mirrors how doctoral level courses are commonly taught. The review covers the development and format of the EPPP along with successful test-taking strategies. Chapters covering EPPP content
