

1. Record Nr.	UNISALENTO991003835829707536
Titolo	Adalbert Stifter / [testi di: J.-L. Bandet ... et al.]
Pubbl/distr/stampa	Paris : Didier, 1985
Descrizione fisica	1 v. ; 23 cm
Collana	Études germaniques
Altri autori (Persone)	Bandet, Jean Louis
Disciplina	833.7
Soggetti	Stifter, Adalbert Stifter, Adalbert
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910823944403321
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.)
Classificazione	SCI019000MAT002050
Disciplina	519.5/36
Soggetti	Spatial analysis (Statistics)
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

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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"--

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