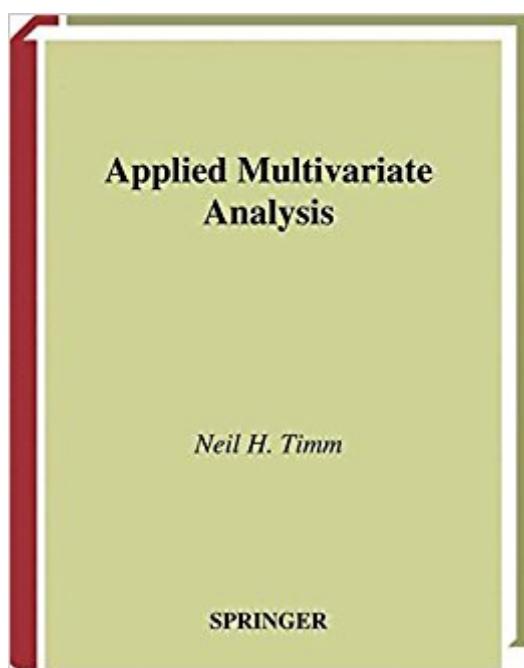


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Applied Multivariate Analysis (Springer Texts In Statistics)



Synopsis

This book provides a broad overview of the basic theory and methods of applied multivariate analysis. The presentation integrates both theory and practice including both the analysis of formal linear multivariate models and exploratory data analysis techniques. Each chapter contains the development of basic theoretical results with numerous applications illustrated using examples from the social and behavioral sciences, and other disciplines. All examples are analyzed using SAS for Windows Version 8.0.

Book Information

Series: Springer Texts in Statistics

Hardcover: 695 pages

Publisher: Springer; 2002 edition (June 19, 2002)

Language: English

ISBN-10: 0387953477

ISBN-13: 978-0387953472

Product Dimensions: 7 x 1.6 x 10 inches

Shipping Weight: 2.8 pounds (View shipping rates and policies)

Average Customer Review: 2.4 out of 5 stars 2 customer reviews

Best Sellers Rank: #1,363,654 in Books (See Top 100 in Books) #99 in Books > Science & Math > Mathematics > Applied > Vector Analysis #1120 in Books > Science & Math > Mathematics > Mathematical Analysis #1205 in Books > Business & Money > Education & Reference > Statistics

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giving a clear statement of each model . This book is more than an up-to date textbook on multivariate analysis. It could enable SAS users to take full and informed advantage of the many options offered in the SAS procedures. For non-SAS users, the clear statement of the models should enable them to fit and interpret them with other software." (J. M. Juritz, Short Book Reviews, Vol. 23 (2), 2003) "I was extremely pleased to see this book arrive. | For each subject, all important equations and distributional results are very clearly stated. | I found this book exciting, interesting and informative. The exercises are quite well chosen | . In summary, Applied Multivariate Analysis is an excellent book. If you want only one book on multivariate analysis, I would suggest this as a strong candidate. I am extremely glad that I own this book | ." (David E. Booth, Technometrics, Vol. 45 (2), May, 2003) "This textbook provides a broad overview of the basic theory and methods of applied multivariate analysis. The presentation integrates theory and practice including both the analysis of formal linear multivariate models and exploratory data analysis techniques. | The techniques and examples discussed in the book should be helpful in the analysis of multivariate data using SAS. All programs and data sets used may be downloaded from a Web site. The book appeals to practitioners, researchers, and applied statisticians." (T. Postelnicu, Zentralblatt MATH, Vol. 1002 (2), 2003)

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Timm's textbook tries to involve a lot topics pertaining to multivariate analysis. So it is more comprehensive than Johnson and Wichern's Applied multivariate statistical analysis. Moreover, the book uses SAS program to illustrate some examples, which are available from the website of the textbook. In this way, the content of the book are actually doubled. SAS examples also help students to learn how to use SAS to solve problems. Some weaknesses includes 1). many typos are found the textbook; 2). the explanation about some fundamental theories is not as clear as that in Jonhson and Wichern's book.

This book is riddled with errors; there is seemingly a typo on every other page. Also, this book is more theoretical than applied. It should be called "Theoretical Multivariate Analysis."

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