

The book was found

# Extrapolation, Interpolation, And Smoothing Of Stationary Time Series, With Engineering Applications



## Synopsis

2013 Reprint of 1949 Edition. Full facsimile of the original edition, not reproduced with Optical Recognition Software. This is the second book by Norbert Wiener on time series and communication engineering. While the first one, "Cybernetics", treated the subject from a general standpoint and was more philosophical than mathematical, the present volume is more technical than theoretical, and forms a kind of companion piece to the first. It is intended as a tool for engineers working in the field of electrical communication and related subjects. The book consists of an introduction, five chapters, and three appendices. After explaining the general outline of the problem in the introduction, the author gives in Chapter I a review of generalized harmonic analysis which is necessary for the understanding of the following chapters. Chapters II and III are devoted to the problems of prediction and filtering respectively. In Chapter IV there is given a brief account of the theory of multiple prediction, that is, the theory of prediction when we deal with more than one time series at the same time. Finally, in Chapter V there is given a short discussion on the application of similar methods to a problem of approximate differentiation.

## Book Information

Paperback: 174 pages

Publisher: Martino Fine Books (November 6, 2013)

Language: English

ISBN-10: 1614275173

ISBN-13: 978-1614275176

Product Dimensions: 6.1 x 0.4 x 9.2 inches

Shipping Weight: 8.8 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,565,567 in Books (See Top 100 in Books) #125 in Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Radar #455 in Books > Computers & Technology > Computer Science > Information Theory #5688 in Books > Science & Math > Mathematics > Applied > Probability & Statistics

[Download to continue reading...](#)

Extrapolation, Interpolation, and Smoothing of Stationary Time Series, with Engineering Applications  
Fundamentals of Earthquake Engineering (Civil engineering and engineering mechanics series)  
G.Dieter's Li.Schmidt's Engineering 4th (Fourth) edition(Engineering Design (Engineering Series)  
[Hardcover])(2008) Everything In Its Time (Time After Time Series Book 1) Matrix Analysis of

Structural Dynamics: Applications and Earthquake Engineering (Civil and Environmental Engineering) Occupational Ergonomics: Engineering and Administrative Controls (Principles and Applications in Engineering) Earthquake Engineering: Damage Assessment and Structural Design (Methods & Applications in Civil Engineering) Earthquake Engineering: From Engineering Seismology to Performance-Based Engineering Tissue Engineering I: Scaffold Systems for Tissue Engineering (Advances in Biochemical Engineering/Biotechnology) (v. 1) Real Time Systems and Programming Languages: Ada 95, Real-Time Java and Real-Time C/POSIX (3rd Edition) Real-time Operating Systems (The engineering of real-time embedded systems Book 1) Time Song 1 (Time Walkers: Time Song) Face Image Analysis by Unsupervised Learning (The Kluwer International Series in Engineering and Computer Science, Volume 612) (The Springer International Series in Engineering and Computer Science) Coastal and Estuarine Processes (Advanced Series on Ocean Engineering) (Advanced Series on Ocean Engineering (Paperback)) Web Caching and Its Applications (The Springer International Series in Engineering and Computer Science) Applications of Digital Signal Processing to Audio and Acoustics (The Springer International Series in Engineering and Computer Science) Advances in Powder Metallurgy: Properties, Processing and Applications (Woodhead Publishing Series in Metals and Surface Engineering) Phased Array-Based Systems and Applications (Wiley Series in Microwave and Optical Engineering) Functional Polymer Coatings: Principles, Methods, and Applications (Wiley Series on Polymer Engineering and Technology) Laser Surface Engineering: Processes and Applications (Woodhead Publishing Series in Electronic and Optical Materials)

[Dmca](#)