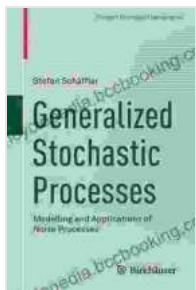


Modelling and Applications of Noise Processes: A Comprehensive Guide

Noise processes are ubiquitous in nature and technology. From the fluttering of a butterfly's wings to the fluctuations of stock prices, noise plays a crucial role in shaping the world around us. Understanding and modelling noise processes is therefore essential for a wide range of fields, including engineering, finance, biology, and medicine.



Generalized Stochastic Processes: Modelling and Applications of Noise Processes (Compact Textbooks in Mathematics) by Stefan Schäffler

★★★★★ 5 out of 5

Language : English

File size : 5168 KB

Screen Reader : Supported

Print length : 198 pages



Modelling and Applications of Noise Processes provides a comprehensive overview of this fascinating topic. Written by renowned experts in the field, this book covers everything from the basic concepts of stochastic processes to advanced applications in various disciplines.

Key Features

* Covers the fundamental concepts of noise processes, including white noise, Gaussian processes, and fractional Brownian motion. * Explores advanced topics such as stochastic calculus, filtering, and estimation. *

Provides real-world examples and case studies from a variety of fields, including engineering, finance, and biology. * Includes exercises and solutions to help readers test their understanding.

Target Audience

Modelling and Applications of Noise Processes is ideal for:

* Researchers and practitioners in engineering, finance, biology, and other fields who need to understand and model noise processes. * Graduate students and advanced undergraduates studying stochastic processes, mathematical modelling, or applied mathematics. * Anyone with an interest in the fascinating world of noise and its impact on the world around us.

Benefits

By reading this book, you will gain:

* A deep understanding of the fundamental concepts of noise processes. * The ability to model and analyze noise processes in a variety of applications. * Valuable insights into the latest research and developments in the field.

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Don't miss out on this essential resource for anyone working with noise processes. Free Download your copy of *Modelling and Applications of Noise Processes* today!

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About the Authors

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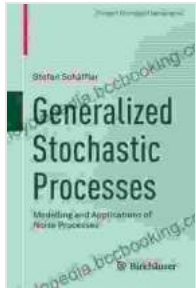
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"*Modelling and Applications of Noise Processes* is a comprehensive and up-to-date guide to this important topic. It is essential reading for anyone working with noise processes." - **Professor Michael Jordan, University of California, Berkeley**

"This book provides a clear and accessible to noise processes. It is a valuable resource for students and researchers alike." - **Dr. Andrew Ng, Google**

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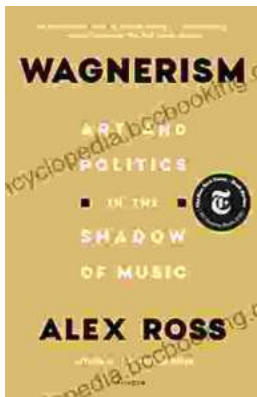
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