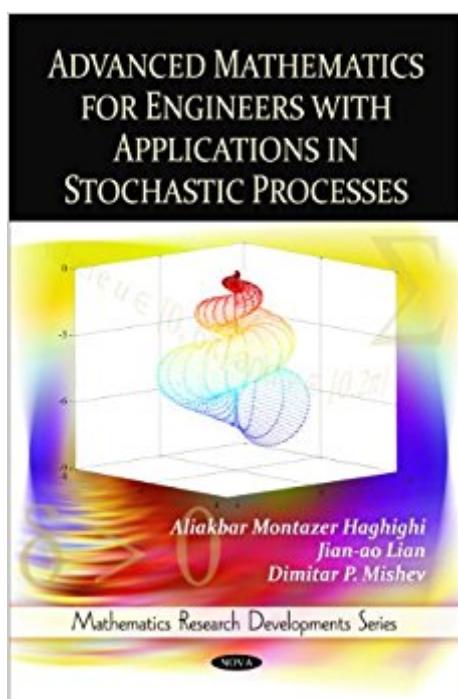


The book was found

# Advanced Mathematics For Engineers With Applications In Stochastic Processes (Mathematics Research Developments)



## **Synopsis**

Topics in advanced mathematics for engineers, probability and statistics typically span three subject areas, are addressed in three separate textbooks and taught in three different courses in as many as three semesters. Due to this arrangement, students taking these courses have had to shelf some important and fundamental engineering courses until much later than is necessary. This practice has generally ignored some striking relations that exist between the seemingly separate areas of statistical concepts, such as moments and estimation of Poisson distribution parameters. On one hand, these concepts commonly appear in stochastic processes - for instance, in measures on effectiveness in queuing models. On the other hand, they can also be viewed as applied probability in engineering disciplines - mechanical, chemical, and electrical, as well as in engineering technology. There is obviously, an urgent need for a textbook that recognizes the corresponding relationships between the various areas and a matching cohesive course that will see through to their fundamental engineering courses as early as possible. This book is designed to achieve just that. Its seven chapters, while retaining their individual integrity, flow from selected topics in advanced mathematics such as complex analysis and wavelets to probability, statistics and stochastic processes.

## **Book Information**

Series: Mathematics Research Developments

Hardcover: 550 pages

Publisher: Nova Science Publishers, Inc.; UK ed. edition (September 30, 2010)

Language: English

ISBN-10: 1608768805

ISBN-13: 978-1608768806

Product Dimensions: 1.5 x 7.2 x 10 inches

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

Average Customer Review: 1.7 out of 5 stars 3 customer reviews

Best Sellers Rank: #1,617,196 in Books (See Top 100 in Books) #76 in Books > Science & Math > Mathematics > Research #14923 in Books > Textbooks > Science & Mathematics > Mathematics

## **Customer Reviews**

Horrible book. Filled with mistakes and things that will make you fail your course.

this book could do a better job at explaining formulas and going into more detail with examples. I found the professor's notes more important than this book

This book has errors and the practice questions are ambiguous (which is a pain when dealing with probability).

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

Advanced Mathematics for Engineers With Applications in Stochastic Processes (Mathematics Research Developments) Multidimensional Stochastic Processes as Rough Paths: Theory and Applications (Cambridge Studies in Advanced Mathematics) Continuous-time Stochastic Control and Optimization with Financial Applications (Stochastic Modelling and Applied Probability) Stationary and Related Stochastic Processes: Sample Function Properties and Their Applications (Dover Books on Mathematics) Stochastic Processes With Applications (Classics in Applied Mathematics) Stochastic Processes: Theory for Applications Stochastic Simulation: Algorithms and Analysis (Stochastic Modelling and Applied Probability, No. 57) (No. 100) Introduction to Stochastic Processes (Dover Books on Mathematics) Stochastic Processes (Dover Books on Mathematics) How to Gamble If You Must: Inequalities for Stochastic Processes (Dover Books on Mathematics) Stochastic Analysis: Itô and Malliavin Calculus in Tandem (Cambridge Studies in Advanced Mathematics) New methods and recent developments of the stereochemistry of ephedrine, pyrrolizidine, granatane and tropane alkaloids, (Recent developments in the chemistry of natural carbon compounds) Stochastic Processes Fundamentals of Probability, with Stochastic Processes (3rd Edition) Probability, Statistics, and Stochastic Processes Essentials of Stochastic Processes (Springer Texts in Statistics) Applied Probability and Stochastic Processes Probability and Stochastic Processes Introduction to Stochastic Processes (Chapman & Hall/CRC Probability Series) Introduction to Stochastic Processes with R

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)