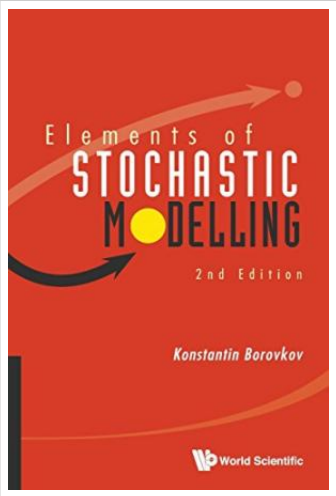

DOWNLOAD PDF

Elements of Stochastic Modelling (2nd edition)

By Konstantin Borovkov

World Scientific Publishing Co Pte Ltd. Paperback. Condition: new. BRAND NEW, Elements of Stochastic Modelling (2nd edition), Konstantin Borovkov, This is the expanded second edition of a successful textbook that provides a broad introduction to the important area of stochastic modelling. The original text had been developed from lecture notes for a one-semester course on the topic for third-year science and actuarial students at the University of Melbourne. It reviews the basics of probability theory, and then covers the following topics: Markov chains, Markov decision processes, jump Markov processes, elements of queueing theory, basic renewal theory, elements of time series and simulation. The present edition adds new chapters on elements of stochastic calculus and introductory mathematical finance that logically complement the topics chosen for the first edition. This makes the book suitable for a larger variety of university courses presenting the fundamentals of modern stochastic modelling. Rigorous proofs are often replaced with sketches of arguments - with indications as to why a particular result holds, and also how it is connected to other results - and illustrated by well-selected examples. Wherever possible, the book includes references to more specialised texts containing both proofs and more advanced material related to the...

READ ONLINE
[7.32 MB]

Reviews

This publication is amazing. It is definitely basic but shocks in the fifty percent of your publication. You wont feel monotony at anytime of your own time (that's what catalogues are for concerning if you question me).
*-- **Prof. Kirk Cruickshank DDS***

This kind of book is every little thing and taught me to looking ahead of time and a lot more. I am quite late in start reading this one, but better then never. I found out this book from my dad and i encouraged this pdf to find out.
*-- **Justus Hettinger***