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STOCHASTIC PROCESSES

Basic Theory and Its Applications

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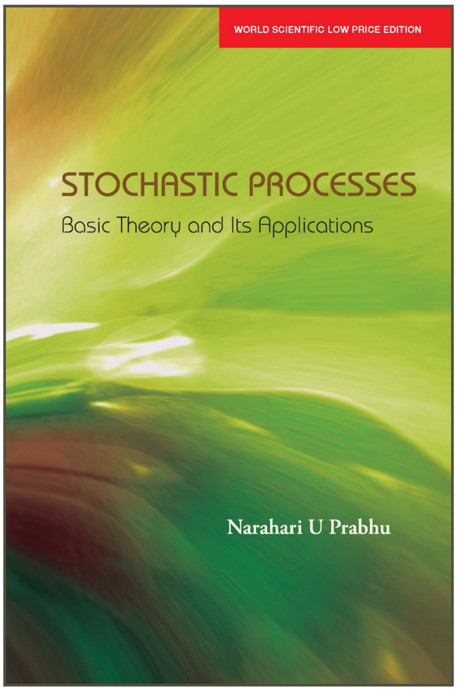

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ABOUT THE BOOK

Most introductory textbooks on stochastic processes which cover standard topics such as Poisson process, Brownian motion, renewal theory and random walks deal inadequately with their applications. Written in a simple and accessible manner, this book addresses that inadequacy and provides guidelines and tools to study the applications. The coverage includes research developments in Markov property, martingales, regenerative phenomena and Tauberian theorems, and covers measure theory at an elementary level.

READERSHIP

Beginning graduate students in pure applied mathematics, engineering and management science; researchers in applied science.

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