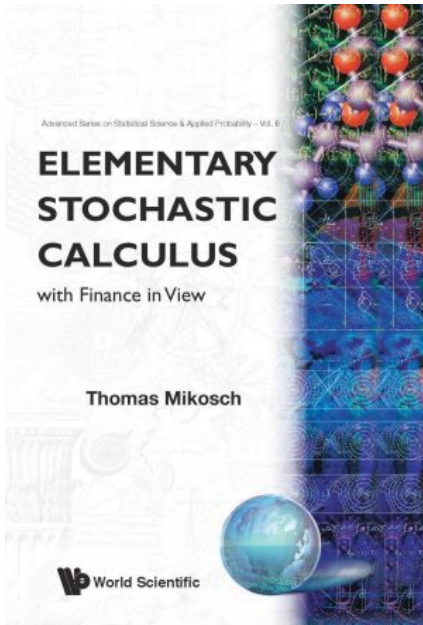


Elementary Stochastic Calculus, with Finance in View



About the Book

Modelling with the Itô integral or stochastic differential equations has become increasingly important in various applied fields, including physics, biology, chemistry and finance. However, stochastic calculus is based on a deep mathematical theory.

This book is suitable for the reader without a deep mathematical background. It gives an elementary introduction to that area of probability theory, without burdening the reader with a great deal of measure theory. Applications are taken from stochastic finance. In particular, the Black-Scholes option pricing formula is derived. The book can serve as a text for a course on stochastic calculus for non-mathematicians or as elementary reading material for anyone who wants to learn about Itô calculus and/or stochastic finance.

Author: Thomas Mikosch

Publisher: World Scientific
(Distributed exclusively by
Dev Publishers &
Distributors)

Edition: First

Year: 2019

Dimension: 15 x 23 cm

No. of Pages: 224

Weight: 310 gm

ISBN: 9789810235437

Binding: Softcover

Territory: South Asia

Price: Rs 1295

About the Author

Thomas Mikosch, University of Groningen

Review

“This book under review can be determined as a very successful work ... the author’s choice of the material is done with good taste and expertise ... It can be strongly recommended to graduate students and practitioners in the field of finance and economics.”

Mathematics Abstracts

“... this is a well-written book, which makes the difficult object of mathematical finance easy to understand also for non-mathematicians. It might be useful for economics students and all practitioners in the field of finance who are interested in the mathematical methodology behind the Black-Scholes model.”

Statistical Papers

Dev Publishers
& Distributors

STAY CONNECTED

Second Floor, Prakashdeep 22, Delhi Medical
Association Road, Darya Ganj, New Delhi – 110 002

Phone No : +91-11-4357-2647

Email ID : info@devbooks.co.in

Website : devbooks.co.in