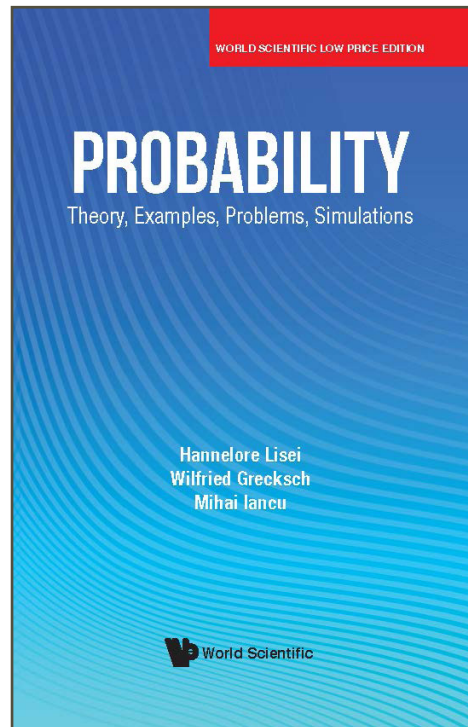


## PROBABILITY

Theory, Examples, Problems, Simulations

By  
Hannelore Lisei  
(*Babeş-Bolyai University,  
Romania*),  
Wilfried Grecksch  
(*Martin-Luther-University  
Halle-Wittenberg, Germany*)  
and  
Mihai Iancu  
(*Babeş-Bolyai University,  
Romania*)



### ABOUT THE BOOK

ISBN 9780000989260  
Extent: 364pp, PB  
Pub Date: 2020  
Price: Rs. 1295

A key pedagogical feature of the textbook is the accessible approach to probability concepts through examples with explanations and problems with solutions. The reader is encouraged to simulate in Matlab random experiments and to explore the theoretical aspects of the probabilistic models behind the studied experiments. By this appropriate balance between simulations and rigorous mathematical approach, the reader can experience the excitement of comprehending basic concepts and can develop the intuitive thinking in solving problems. The current textbook does not contain proofs for the stated theorems, but corresponding references are given.

Moreover, the given Matlab codes and detailed solutions make the textbook accessible to researchers and undergraduate students, by learning various techniques from probability theory and its applications in other fields. This book is intended not only for students of mathematics but also for students of natural sciences, engineering, computer science and for science researchers, who possess the basic knowledge of calculus for the mathematical concepts of the textbook and elementary programming skills for the Matlab simulations.

Feel Books Pvt. Ltd.  
4381/4 Ansari Road  
Daryaganj  
New Delhi 110002  
Tel: +91 11 47472600

## READERSHIP

Undergraduate and graduate students, professionals and researchers in mathematics, natural sciences, engineering and computer science areas.

## CONTENTS

- Preface
- Probability Space
- Random Variables and Vectors
- Numerical Characteristics of Random Variables and Vectors
- Sequences of Random Variables
- Examples of Stochastic Processes
- Appendix
- Bibliography
- Index

For orders and enquiries, please contact us:



### FEELBOOKS PVT. LTD.

<b>DELHI</b>	4381/4 Ansari Road, Daryaganj, New Delhi 110002 Pushendra Kumar      Mobile: +91 9015043442	Tel: +91-11-47472630 Email: orders@feelbooks.in
<b>BENGALURU</b>	C-22, Brigade MM, KR Road, Jayanagar 7th Block, Bengaluru 560070 Shekar Reddy      Mobile: +91 9945234476	Tel: +91-80-26762129 Email: bangalore@feelbooks.in
<b>MUMBAI</b>	Vijay Kumar      Mobile: +91 9871176434	Email: vkumar@feelbooks.in
<b>CHENNAI</b>	G Srinivasan      Mobile: +91 9003047502	Email: gsrinivasan@feelbooks.in
<b>KOLKATA</b>	Dhrubajyoti Bhattacharjee      Mobile: +91 9836160013	Email: dbhattacharjee@feelbooks.in
<b>HYDERABAD</b>	K.S.Vishwanath      Mobile: +91 9871745850	Email: kvishwanath@feelbooks.in

For Catalogues & title lists: [marketing@feelbooks.in](mailto:marketing@feelbooks.in)



For any queries, please email us at [marketing@feelbooks.in](mailto:marketing@feelbooks.in)