



Probability Theory: A Concise Course (Dover Books on Mathematics)

By Y. A. Rozanov

Download now

Read Online ➔

Probability Theory: A Concise Course (Dover Books on Mathematics) By Y. A. Rozanov

This book, a concise introduction to modern probability theory and certain of its ramifications, deals with a subject indispensable to natural scientists and mathematicians alike. Here the readers, with some knowledge of mathematics, will find an excellent treatment of the elements of probability together with numerous applications. Professor Y. A. Rozanov, an internationally known mathematician whose work in probability theory and stochastic processes has received wide acclaim, combines succinctness of style with a judicious selection of topics. His book is highly readable, fast-moving, and self-contained. The author begins with basic concepts and moves on to combination of events, dependent events and random variables. He then covers Bernoulli trials and the De Moivre-Laplace theorem, which involve three important probability distributions (binomial, Poisson, and normal or Gaussian). The last three chapters are devoted to limit theorems, a detailed treatment of Markov chains, continuous Markov processes. Also included are appendixes on information theory, game theory, branching processes, and problems of optimal control. Each of the eight chapters and four appendixes has been equipped with numerous relevant problems (150 of them), many with hints and answers.

This volume is another in the popular series of fine translations from the Russian by Richard A. Silverman. Dr. Silverman, a former member of the Courant Institute of Mathematical Sciences of New York University and the Lincoln Laboratory of the Massachusetts Institute of Technology, is himself the author of numerous papers on applied probability theory. He has heavily revised the English edition and added new material. The clear exposition, the ample illustrations and problems, the cross-references, index, and bibliography make this book useful for self-study or the classroom.

↓ [Download Probability Theory: A Concise Course \(Dover Books ...pdf](#)

📖 [Read Online Probability Theory: A Concise Course \(Dover Book ...pdf](#)

Probability Theory: A Concise Course (Dover Books on Mathematics)

By Y. A. Rozanov

Probability Theory: A Concise Course (Dover Books on Mathematics) By Y. A. Rozanov

This book, a concise introduction to modern probability theory and certain of its ramifications, deals with a subject indispensable to natural scientists and mathematicians alike. Here the readers, with some knowledge of mathematics, will find an excellent treatment of the elements of probability together with numerous applications. Professor Y. A. Rozanov, an internationally known mathematician whose work in probability theory and stochastic processes has received wide acclaim, combines succinctness of style with a judicious selection of topics. His book is highly readable, fast-moving, and self-contained.

The author begins with basic concepts and moves on to combination of events, dependent events and random variables. He then covers Bernoulli trials and the De Moivre-Laplace theorem, which involve three important probability distributions (binomial, Poisson, and normal or Gaussian). The last three chapters are devoted to limit theorems, a detailed treatment of Markov chains, continuous Markov processes. Also included are appendixes on information theory, game theory, branching processes, and problems of optimal control. Each of the eight chapters and four appendixes has been equipped with numerous relevant problems (150 of them), many with hints and answers.

This volume is another in the popular series of fine translations from the Russian by Richard A. Silverman. Dr. Silverman, a former member of the Courant Institute of Mathematical Sciences of New York University and the Lincoln Laboratory of the Massachusetts Institute of Technology, is himself the author of numerous papers on applied probability theory. He has heavily revised the English edition and added new material. The clear exposition, the ample illustrations and problems, the cross-references, index, and bibliography make this book useful for self-study or the classroom.

Probability Theory: A Concise Course (Dover Books on Mathematics) By Y. A. Rozanov Bibliography

- Sales Rank: #96315 in eBooks
- Published on: 2013-05-27
- Released on: 2013-04-29
- Format: Kindle eBook

 [Download Probability Theory: A Concise Course \(Dover Books ...pdf](#)

 [Read Online Probability Theory: A Concise Course \(Dover Book ...pdf](#)

Download and Read Free Online Probability Theory: A Concise Course (Dover Books on Mathematics) By Y. A. Rozanov

Editorial Review

Language Notes

Text: English, Russian (translation)

Users Review

From reader reviews:

Sammy McManus:

Book is definitely written, printed, or outlined for everything. You can recognize everything you want by a publication. Book has a different type. As it is known to us that book is important factor to bring us around the world. Alongside that you can your reading skill was fluently. A publication Probability Theory: A Concise Course (Dover Books on Mathematics) will make you to always be smarter. You can feel far more confidence if you can know about anything. But some of you think in which open or reading any book make you bored. It's not make you fun. Why they are often thought like that? Have you looking for best book or acceptable book with you?

Jamie Sparks:

The book Probability Theory: A Concise Course (Dover Books on Mathematics) has a lot of information on it. So when you read this book you can get a lot of advantage. The book was published by the very famous author. The writer makes some research ahead of write this book. This particular book very easy to read you can find the point easily after perusing this book.

Bert Ferguson:

People live in this new morning of lifestyle always attempt to and must have the time or they will get large amount of stress from both lifestyle and work. So , if we ask do people have extra time, we will say absolutely of course. People is human not really a robot. Then we request again, what kind of activity are you experiencing when the spare time coming to a person of course your answer may unlimited right. Then do you ever try this one, reading books. It can be your alternative in spending your spare time, the actual book you have read is definitely Probability Theory: A Concise Course (Dover Books on Mathematics).

Tanya McNeil:

You are able to spend your free time to read this book this publication. This Probability Theory: A Concise Course (Dover Books on Mathematics) is simple to develop you can read it in the park, in the beach, train along with soon. If you did not include much space to bring the printed book, you can buy the actual e-book. It is make you simpler to read it. You can save the actual book in your smart phone. And so there are a lot of

benefits that you will get when you buy this book.

**Download and Read Online Probability Theory: A Concise Course
(Dover Books on Mathematics) By Y. A. Rozanov
#EM8XQZ6O59W**

Read Probability Theory: A Concise Course (Dover Books on Mathematics) By Y. A. Rozanov for online ebook

Probability Theory: A Concise Course (Dover Books on Mathematics) By Y. A. Rozanov Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Probability Theory: A Concise Course (Dover Books on Mathematics) By Y. A. Rozanov books to read online.

Online Probability Theory: A Concise Course (Dover Books on Mathematics) By Y. A. Rozanov ebook PDF download

Probability Theory: A Concise Course (Dover Books on Mathematics) By Y. A. Rozanov Doc

Probability Theory: A Concise Course (Dover Books on Mathematics) By Y. A. Rozanov Mobipocket

Probability Theory: A Concise Course (Dover Books on Mathematics) By Y. A. Rozanov EPub

EM8XQZ6O59W: Probability Theory: A Concise Course (Dover Books on Mathematics) By Y. A. Rozanov