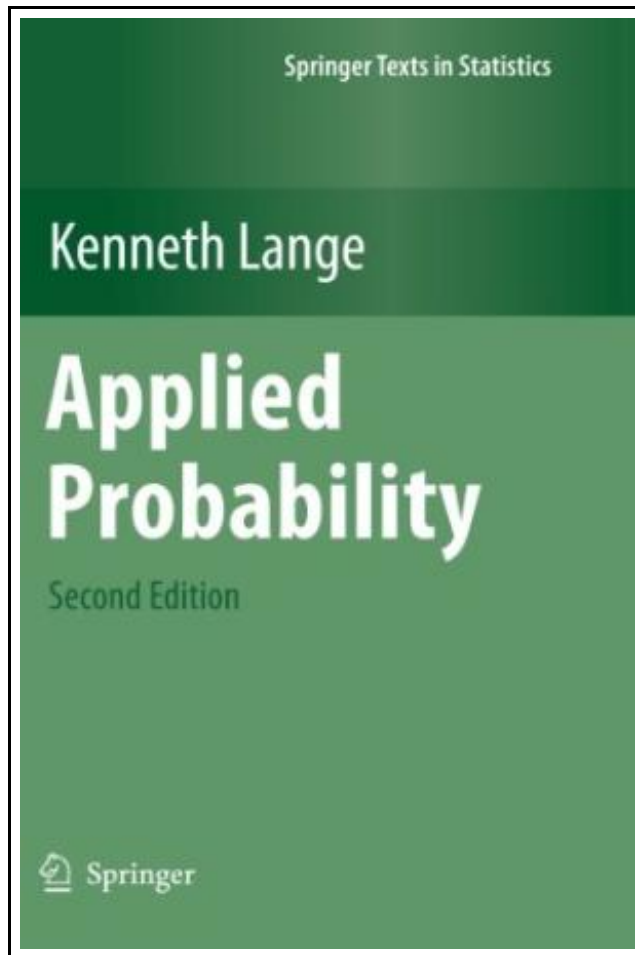


Applied Probability (Paperback)



Filesize: 1.85 MB

Reviews

Very useful to any or all type of people. This is certainly for those who statte there was not a worth reading through. You can expect to like how the writer write this pdf.

(Dr. Rashawn Lang)

APPLIED PROBABILITY (PAPERBACK)



Springer-Verlag New York Inc., United States, 2012. Paperback. Book Condition: New. 234 x 157 mm. Language: English . Brand New Book ***** Print on Demand *****.Applied Probability presents a unique blend of theory and applications, with special emphasis on mathematical modeling, computational techniques, and examples from the biological sciences. It can serve as a textbook for graduate students in applied mathematics, biostatistics, computational biology, computer science, physics, and statistics. Readers should have a working knowledge of multivariate calculus, linear algebra, ordinary differential equations, and elementary probability theory. Chapter 1 reviews elementary probability and provides a brief survey of relevant results from measure theory. Chapter 2 is an extended essay on calculating expectations. Chapter 3 deals with probabilistic applications of convexity, inequalities, and optimization theory. Chapters 4 and 5 touch on combinatorics and combinatorial optimization. Chapters 6 through 11 present core material on stochastic processes. If supplemented with appropriate sections from Chapters 1 and 2, there is sufficient material for a traditional semester-long course in stochastic processes covering the basics of Poisson processes, Markov chains, branching processes, martingales, and diffusion processes. The second edition adds two new chapters on asymptotic and numerical methods and an appendix that separates some of the more delicate mathematical theory from the steady flow of examples in the main text. Besides the two new chapters, the second edition includes a more extensive list of exercises, many additions to the exposition of combinatorics, new material on rates of convergence to equilibrium in reversible Markov chains, a discussion of basic reproduction numbers in population modeling, and better coverage of Brownian motion. Because many chapters are nearly self-contained, mathematical scientists from a variety of backgrounds will find Applied Probability useful as a reference Softcover reprint of hardcover 2nd ed. 2010.



[Read Applied Probability \(Paperback\) Online](#)

[Download PDF Applied Probability \(Paperback\)](#)

Related PDFs



I Am Reading: Nurturing Young Children s Meaning Making and Joyful Engagement with Any Book (Paperback)

Heinemann Educational Books, United States, 2015. Paperback. Book Condition: New. 234 x 185 mm. Language: English . Brand New Book. It s vital that we support young children s reading in ways that nurture healthy...

[Save Book »](#)



Fart Book African Bean Fart Adventures in the Jungle: Short Stories with Moral (Paperback)

Createspace, United States, 2013. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Black White Illustration Version! BONUS - Includes FREE Dog Fart Audio Book for...

[Save Book »](#)



Oxford Very First Dictionary (Paperback)

Oxford University Press, United Kingdom, 2012. Paperback. Book Condition: New. Georgie Birkett (illustrator). 234 x 182 mm. Language: English . Brand New Book. A fully illustrated alphabetical first dictionary for 4-5 year-olds. A fresh new...

[Save Book »](#)



Oxford First Illustrated Maths Dictionary (Paperback)

Oxford University Press, United Kingdom, 2013. Paperback. Book Condition: New. 234 x 180 mm. Language: English . Brand New Book. The Oxford First Illustrated Maths Dictionary supports the curriculum and gives your child a head...

[Save Book »](#)



A Smarter Way to Learn JavaScript: The New Approach That Uses Technology to Cut Your Effort in Half (Paperback)

Createspace, United States, 2014. Paperback. Book Condition: New. 251 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.The ultimate learn-by-doing approachWritten for beginners, useful for experienced developers who want to...

[Save Book »](#)