



Applied Probability

By Kenneth Lange

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...



Reviews

This publication is definitely worth buying. It can be loaded with wisdom and knowledge I am easily could possibly get a satisfaction of looking at a composed publication.

-- Rhiannon Steuber

Very helpful to all type of individuals. It really is rally interesting through looking at time. Its been designed in an extremely basic way which is just soon after i finished reading this pdf through which basically modified me, change the way i believe.

-- Tyshawn Brekke

See Also



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

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 reading identities, that foster an attraction to...



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

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 Kids Inside! For a very time limited...



Oxford Very First Dictionary

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 look for the Oxford Very First Dictionary...



Oxford First Illustrated Maths Dictionary

Oxford University Press, United Kingdom, 2013. Paperback. Book Condition: New. 234×180 mm. Language: English . Brand New Book. The Oxford First Illustrated Maths Dictionary supports the curriculum and gives your child a head start in understanding first maths concepts. Organised...



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

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 approach Written for beginners, useful for experienced developers who want to sharpen their skills and don't mind...



Depression: Cognitive Behaviour Therapy with Children and Young People

Taylor Francis Ltd, United Kingdom, 2009. Paperback. Book Condition: New. $242 \times 174 \text{ mm}$. Language: English . Brand New Book. In recent years there has been an increase in research into childhood depression, and it is now recognised that depression can severely...