



Fundamentals of Probability: With Stochastic Processes (Hardback)

By Saeed Ghahramani

Taylor Francis Inc, United States, 2015. Hardback. Book Condition: New. 3rd Revised edition. 254 x 178 mm. Language: English . Brand New Book. Fundamentals of Probability with Stochastic Processes, Third Edition teaches probability in a natural way through interesting and instructive examples and exercises that motivate the theory, definitions, theorems, and methodology. The author takes a mathematically rigorous approach while closely adhering to the historical development of probability. He includes more than 1500 routine and challenging exercises, historical remarks, and discussions of probability problems recently published in journals, such as Mathematics Magazine and American Mathematical Monthly. New to the Third Edition * Reorganized material to reflect a more natural order of topics * 278 new exercises and examples as well as better solutions to the problems * New introductory chapter on stochastic processes * More practical, nontrivial applications of probability and stochastic processes in finance, economics, and actuarial sciences, along with more genetics examples * New section on survival analysis and hazard functions * More explanations and clarifying comments in almost every section This versatile text is designed for a one- or two-term probability course for majors in mathematics, physical sciences, engineering, statistics, actuarial science, business and finance, operations research, and...



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