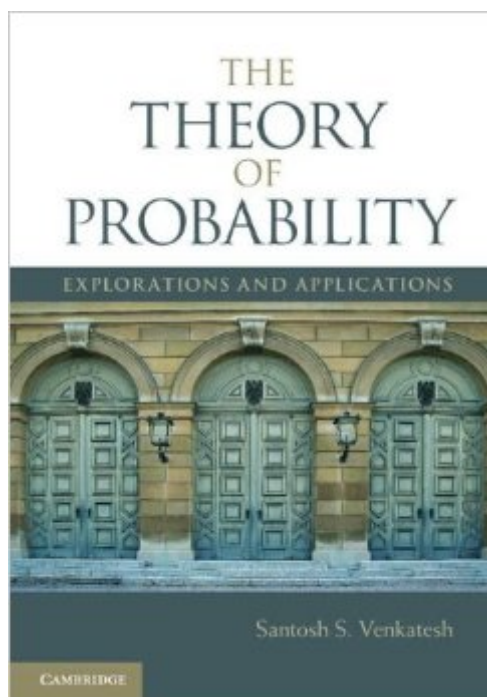


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# The Theory Of Probability: Explorations And Applications



## Synopsis

From classical foundations to advanced modern theory, this self-contained and comprehensive guide to probability weaves together mathematical proofs, historical context and richly detailed illustrative applications. A theorem discovery approach is used throughout, setting each proof within its historical setting and is accompanied by a consistent emphasis on elementary methods of proof. Each topic is presented in a modular framework, combining fundamental concepts with worked examples, problems and digressions which, although mathematically rigorous, require no specialised or advanced mathematical background. Augmenting this core material are over 80 richly embellished practical applications of probability theory, drawn from a broad spectrum of areas both classical and modern, each tailor-made to illustrate the magnificent scope of the formal results. Providing a solid grounding in practical probability, without sacrificing mathematical rigour or historical richness, this insightful book is a fascinating reference and essential resource, for all engineers, computer scientists and mathematicians.

## Book Information

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## Customer Reviews

I bought this book right after I completed the coursera online course Probability offered by Univ of Penn Professor Venkatesh. For me, it was the greatest series of speeches since Lincoln's Cooper Union address. Dr. Venkatesh's command of English, and his full force of reasoning and logic, is a wonder to behold. Now back to the book. It is not possible to overstate how good this book is. I tried to give it 10 stars, five is an insult. You have taken all the lower division courses in engineering or

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