



Probability and Measure

Patrick Billingsley

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Praise for the Third Edition

"It is, as far as I'm concerned, among the best books in math ever written....if you are a mathematician and want to have the top reference in probability, this is it." (Amazon.com, January 2006)

A complete and comprehensive classic in probability and measure theory

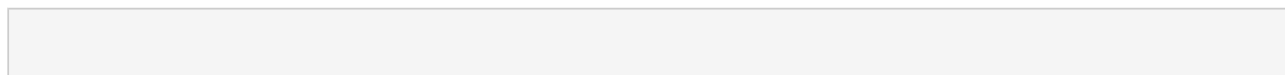
Probability and Measure, Anniversary Edition by Patrick Billingsley celebrates the achievements and advancements that have made this book a classic in its field for the past 35 years. Now re-issued in a new style and format, but with the reliable content that the third edition was revered for, this *Anniversary Edition* builds on its strong foundation of measure theory and probability with Billingsley's unique writing style. In recognition of 35 years of publication, impacting tens of thousands of readers, this Anniversary Edition has been completely redesigned in a new, open and user-friendly way in order to appeal to university-level students.

This book adds a new foreword by Steve Lally of the Statistics Department at The University of Chicago in order to underscore the many years of successful publication and world-wide popularity and emphasize the educational value of this book. The *Anniversary Edition* contains features including:

- An improved treatment of Brownian motion
- Replacement of queuing theory with ergodic theory
- Theory and applications used to illustrate real-life situations
- Over 300 problems with corresponding, intensive notes and solutions
- Updated bibliography
- An extensive supplement of additional notes on the problems and chapter commentaries

Patrick Billingsley was a first-class, world-renowned authority in probability and measure theory at a leading U.S. institution of higher education. He continued to be an influential probability theorist until his unfortunate death in 2011. Billingsley earned his Bachelor's Degree in Engineering from the U.S. Naval Academy where he served as an officer. He went on to receive his Master's Degree and doctorate in Mathematics from Princeton University. Among his many professional awards was the Mathematical Association of America's Lester R. Ford Award for mathematical exposition. His achievements through his long and esteemed career have solidified Patrick Billingsley's place as a leading authority in the field and been a large reason for his books being regarded as classics.

This Anniversary Edition of *Probability and Measure* offers advanced students, scientists, and engineers an integrated introduction to measure theory and probability. Like the previous editions, this *Anniversary Edition* is a key resource for students of mathematics, statistics, economics, and a wide variety of disciplines that require a solid understanding of probability theory.



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Megan Kelly:

Probability and Measure can be one of your beginning books that are good idea. All of us recommend that straight away because this book has good vocabulary that will increase your knowledge in vocabulary, easy to understand, bit entertaining but nonetheless delivering the information. The writer giving his/her effort to get every word into delight arrangement in writing Probability and Measure nevertheless doesn't forget the main level, giving the reader the hottest as well as based confirm resource information that maybe you can be one among it. This great information can drawn you into brand new stage of crucial contemplating.

Nancy Williams:

In this period globalization it is important to someone to receive information. The information will make professionals understand the condition of the world. The condition of the world makes the information much easier to share. You can find a lot of references to get information example: internet, newspaper, book, and soon. You will observe that now, a lot of publisher that print many kinds of book. The actual book that recommended for your requirements is Probability and Measure this guide consist a lot of the information on the condition of this world now. This kind of book was represented so why is the world has grown up. The vocabulary styles that writer value to explain it is easy to understand. Often the writer made some investigation when he makes this book. Honestly, that is why this book acceptable all of you.

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