This classroom-tested textbook is an introduction to probability theory with the right balance between mathematical precision, probabilistic intuition, and concrete applications. Introduction to Probability covers the material precisely, while avoiding excessive technical details. Intended for students with a calculus background, the text teaches not only the nuts and bolts of probability theory and how to solve specific problems, but also why the methods of solution work.

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## **FEATURES**

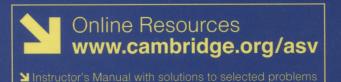
- Presented in full color and written in an accessible way, the text provides a comprehensive and wellbalanced introduction to probability.
- Pedagogical features include numerous examples to illustrate concepts and theory, over 600 exercises of varying levels, and separate Finer Points sections for technical details.

"The authors have carefully chosen a set of core topics, resisting the temptation to overload the reader. They tie it all together with a coherent philosophy. Knowing the authors' work, I would expect nothing less. I predict that this text will become the standard for beginning probability courses."

- Carl Mueller, University of Rochester

"This is an excellent book written by three active researchers in probability that combines both solid mathematics and the distinctive style of thinking needed for modeling random systems. It also has a great collection of problems. I expect it to become a standard textbook for undergraduate probability courses at least in the US."

- Gregory F. Lawler, University of Chicago





Pref	ace and amount of the series	page xi
To t	o the instructor	
Froi	m gambling to an essential ingredient of modern science	
	society	xvi
Cha	pter 1 Experiments with random outcomes	298 Exercises
1.1	Sample spaces and probabilities	1 septer 6 Joint d
1.2	Random sampling	4
1.3	Infinitely many outcomes	11
1.4	Consequences of the rules of probability	14
1.5	Random variables: a first look	21
1.6	Finer points 🕏	26
	Exercises	29
Cha	pter 2 Conditional probability and independence	43
2.1	Conditional probability	43
2.2	Bayes' formula	48
2.3	Independence	51
2.4	Independent trials	58
2.5	Further topics on sampling and independence	62
2.6	Finer points .	71
	Exercises	72
		3.1. Linearity of e
Cha	pter 3 Random variables	89
3.1	Probability distributions of random variables	89
3.2	Cumulative distribution function	95
3.3	Expectation	103
3.4	Variance	113
3.5	Gaussian distribution	119
3.6	Finer points &	123
	Fyercises	126

Cha	pter 4 Approximations of the binomial distribution	141
4.1	Normal approximation	142
4.2	Law of large numbers	148
4.3	Applications of the normal approximation	149
4.4	Poisson approximation	155
4.5	Exponential distribution	161
4.6	Poisson process ♦	165
4.7	Finer points 🍨	169
	Exercises	171
Cha	pter 5 Transforms and transformations	181
5.1	Moment generating function	181
5.2	Distribution of a function of a random variable	188
5.3	Finer points 🕏	196
	Exercises	197
Cha	pter 6 Joint distribution of random variables	205
6.1	Joint distribution of discrete random variables	205
6.2	Jointly continuous random variables	212
6.3	Joint distributions and independence	219
6.4	Further multivariate topics ♦	227
6.5	Finer points 🍨	235
	Exercises	236
Cha	pter 7 Sums and symmetry	247
7.1	Sums of independent random variables	247
7.2	Exchangeable random variables	255
7.3	Poisson process revisited ♦	261
	Exercises	265
Cha	pter 8 Expectation and variance in the multivariate setting	271
8.1	Linearity of expectation	271
8.2	Expectation and independence	276
8.3	Sums and moment generating functions	282
8.4	Covariance and correlation	284
8.5	The bivariate normal distribution ♦	294
8.6	Finer points 🕭	296
	Exercises	297

Chapter 9	Tail bounds and limit theorems	309
9.1 Estima	ting tail probabilities	309
9.2 Law of	large numbers	313
9.3 Central	l limit theorem	315
9.4 Monte	Carlo method ♦	318
9.5 Finer p	points 🍨	320
Exercis	ses	322
Chapter 10	Conditional distribution	329
10.1 Condit	ional distribution of a discrete random variable	329
10.2 Condit	ional distribution for jointly continuous random variables	338
10.3 Condit	ional expectation	346
10.4 Further	r conditioning topics •	354
10.5 Finer p	ooints 🕭	365
Exercis	ses	366
Appendix A	Things to know from calculus	379
Appendix B	Set notation and operations	380
Appendix C	Counting	385
Appendix D	Sums, products and series	399
Appendix E	Table of values for $\Phi(x)$	407
Appendix F	Table of common probability distributions	408
Answers to :	selected exercises	411
Bibliography		
Index		425