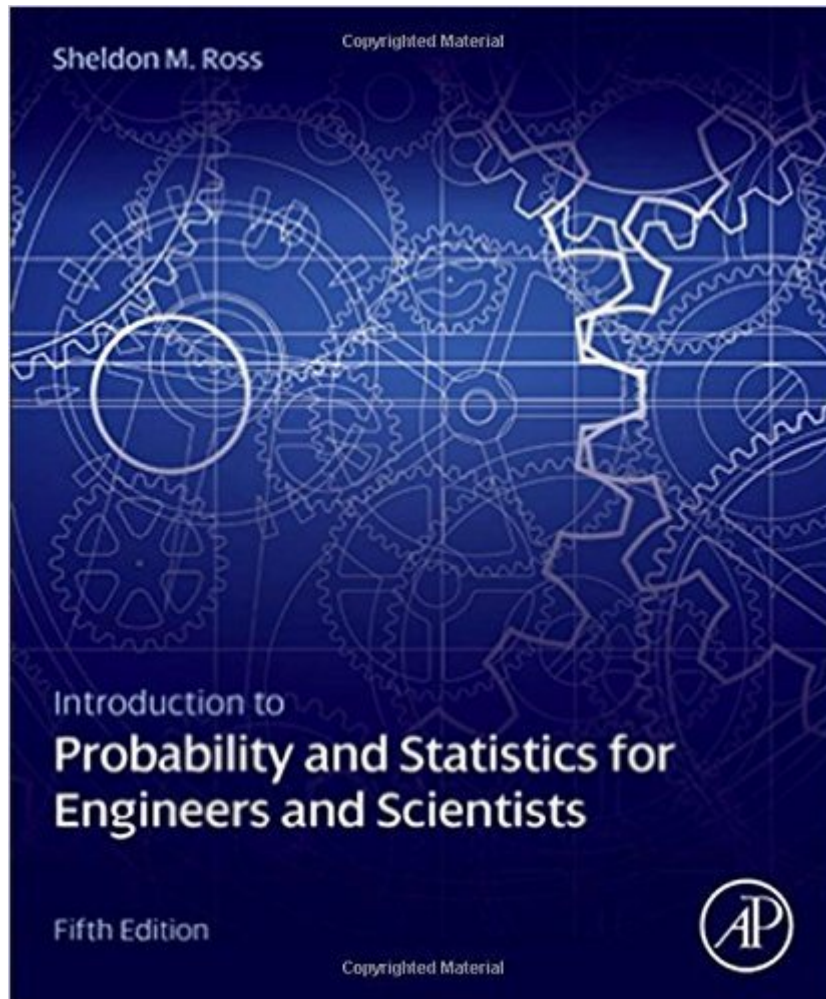


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# Introduction To Probability And Statistics For Engineers And Scientists, Fifth Edition



## Synopsis

Introduction to Probability and Statistics for Engineers and Scientists provides a superior introduction to applied probability and statistics for engineering or science majors. Ross emphasizes the manner in which probability yields insight into statistical problems; ultimately resulting in an intuitive understanding of the statistical procedures most often used by practicing engineers and scientists. Real data sets are incorporated in a wide variety of exercises and examples throughout the book, and this emphasis on data motivates the probability coverage. As with the previous editions, Ross' text has tremendously clear exposition, plus real-data examples and exercises throughout the text. Numerous exercises, examples, and applications connect probability theory to everyday statistical problems and situations. Clear exposition by a renowned expert author

Real data examples that use significant real data from actual studies across life science, engineering, computing and business

End of Chapter review material that emphasizes key ideas as well as the risks associated with practical application of the material

25% New Updated problem sets and applications, that demonstrate updated applications to engineering as well as biological, physical and computer science

New additions to proofs in the estimation section

New coverage of Pareto and lognormal distributions, prediction intervals, use of dummy variables in multiple regression models, and testing equality of multiple population distributions.

## Book Information

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## Customer Reviews

"Introduction" to Probability and Statistics. Don't you believe it. This book is not for those who have

not had any exposure to probability and statistics. Like a lot of upper division mathematical textbooks it is written in almost pure "Mathenese" with a lot of implied teaching and assumptions that you already know the basics. This book is fine for a math major nearing the completion of their degree but definitely NOT the green horn statistician. If you looking for an introduction look elsewhere.

This textbook is by far the worst textbook I ever used in college. The text is almost entirely just words in paragraphs rather than examples with guided headings. There are no solutions to any of the homework problems. And some of the homework problems make you refer to data sets from previous chapters. Trying to learn from this book is not possible. Also I rented this book and I sent it back a week before it was due, it was sent back to me two weeks later and I was charged a late fee.

Good prob and Stat book. Requires reading to understand concepts. Can not just read though pictures, charts, and equations.

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