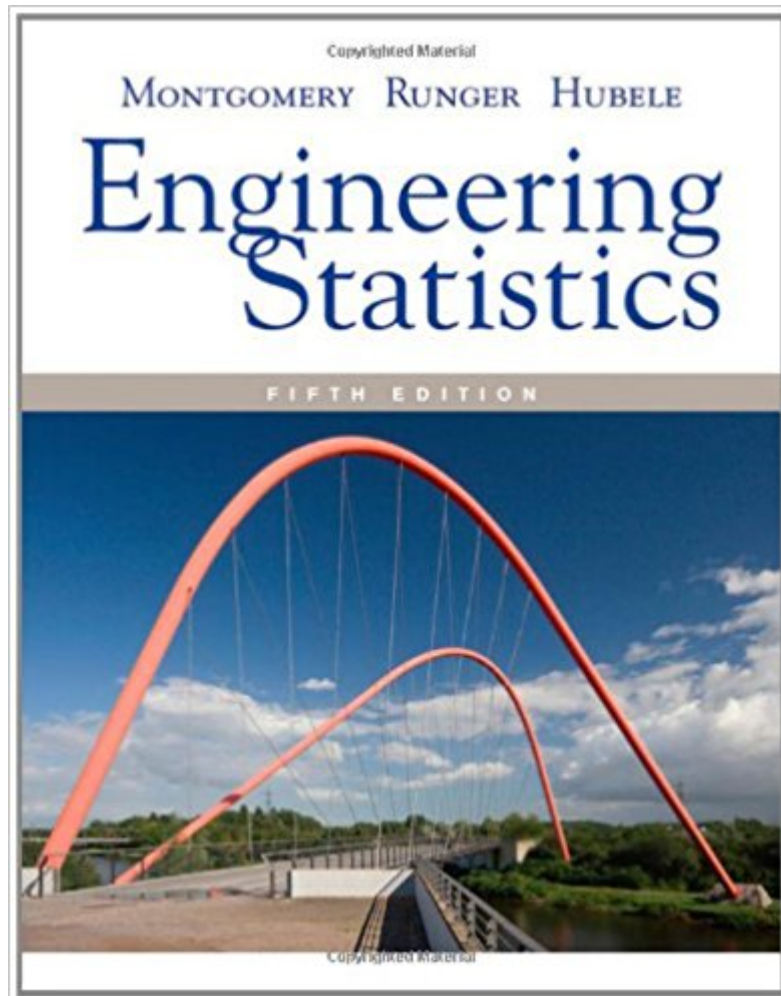




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# Engineering Statistics



## Synopsis

Montgomery, Runger, and Hubele's Engineering Statistics, 5th Edition provides modern coverage of engineering statistics by focusing on how statistical tools are integrated into the engineering problem-solving process. All major aspects of engineering statistics are covered, including descriptive statistics, probability and probability distributions, statistical test and confidence intervals for one and two samples, building regression models, designing and analyzing engineering experiments, and statistical process control. This edition features new introductions, revised content to help students better understand ANOVA, new examples to help calculate probability and approximately 80 new exercises.

## Book Information

Hardcover: 544 pages

Publisher: Wiley; 5 edition (December 21, 2010)

Language: English

ISBN-10: 0470631473

ISBN-13: 978-0470631478

Product Dimensions: 8.3 x 0.9 x 10 inches

Shipping Weight: 2.4 pounds (View shipping rates and policies)

Average Customer Review: 3.5 out of 5 stars 50 customer reviews

Best Sellers Rank: #67,205 in Books (See Top 100 in Books) #48 in Books > Textbooks > Engineering > Industrial Engineering #65 in Books > Computers & Technology > Software > Mathematical & Statistical #261 in Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems

## Customer Reviews

The content is well-organized but there are far too many mistakes. There are numerous examples that confused me for hours because even though the example directly followed a derivation, they mistakenly omitted a term from that derivation which rendered the result incorrect. There is one instance where they claim that an expression is equal to both 10 and 5 on the same line. This is one of the most terribly written books that I have ever had the displeasure of "learning" from because of these mistakes.

Some of the chapters of the book is quite hard to follow what the author was trying to say, but what I really liked about this book was how they organized the chapters and the problems. After each

chapter, there were many practice questions and they contributed to what was covered in the previous pages. I also liked how they had important notes and equations in green boxes which made it really easy to study. One improvement they could have done was the chapter with the chi-distribution. That chapter was hard to follow and the way they explained the p-values was a little confusing.

I did NOT find this textbook helpful at all. The senior year of my engineering program, we had to use this book in a statistics class and it was so frustrating! First of all, it doesn't seem like an engineer was consulted in the writing of the book AT ALL! They try to use engineering terms and sometimes get it right. But the majority of the time the terms were used incorrectly. There are also way too many incorrect answers in the back of the book. I would try to check my answer with the back and be wrong and then spend the next hour trying to figure out what I did when I had been right all along. This was not a good learning resource. I don't recommend it.

This book is great for any engineer that wishes to get firm understanding of statistics. As a student in engineering this book will continue to be with me long after I graduate to assist with understanding and as reference resource to find and use other statistical formulations with data collections and resultants.

The problems and concepts were not explained well. Watching You Tube videos was more helpful than this book.

This solution is a waste of money and time. It only contains solutions to odd questions and doesn't have solutions to even questions.

This book was somewhat helpful. The solutions are all clear and easy to understand. However, only half of them are present. BE CAUTIOUS. THIS MANUAL ONLY CONTAINS THE SOLUTIONS TO THE ODD NUMBERED PROBLEMS. If you are buying this book to help with homework as I was, and your teacher gives even problems, well then there will be a problem. THANKS FOR NOT HAVING AN ACCURATE DESCRIPTION.

I bought this book mainly for practice problems. I didn't really read any of the lessons in the book because it was already taught in class. Nevertheless, there were tons of practice problems and I

received a good grade in my statistics course. The book followed the curriculum closely.

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