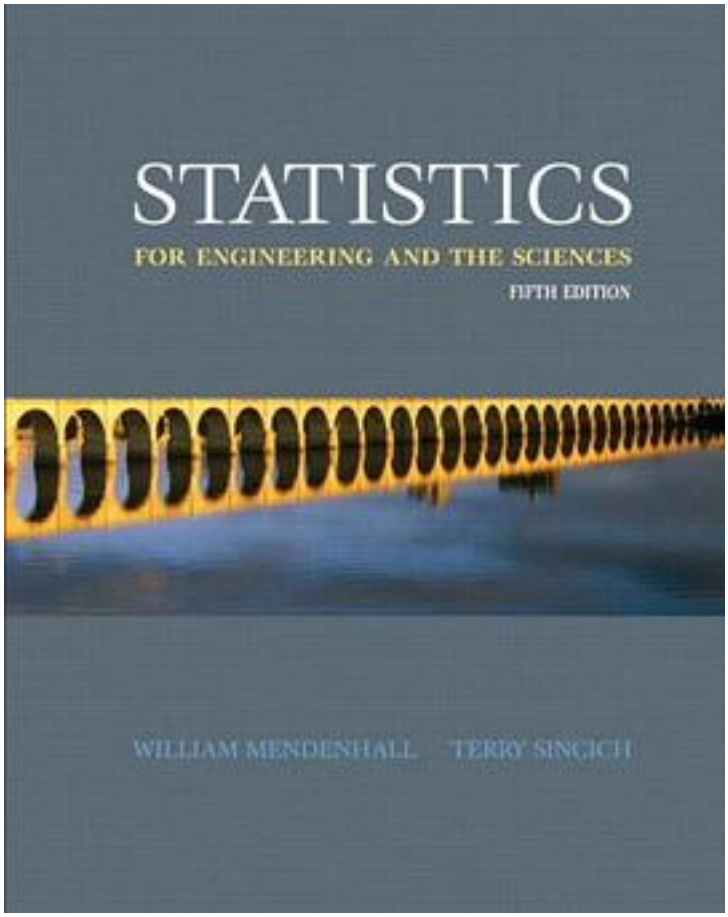
Statistics for Engineering and the Sciences



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For engineering statistics courses in departments of Statistics and Engineering. This text is designed for a two-semester introductory course in statistics for students majoring in engineering or any of the physical sciences. Inevitalby, once these studenrts graduate and are employed, they will be involved in the collection and

analysis of data and will be required to think critically about the results. Consequently, they need to acquire knowledge of the basic concepts of data description and statistical inference and familiarity with statistical methods they are required to use on the job.The text includes optional theoretical exercises allowing instructors who choose to emphasize theory to do so without requiring additional materials. The assumed mathematical background is a two-semester sequence in calculus - that is, the course could be taught to students of average mathematical talent and with a basic understanding of the principles of differential and integral calculus. Datasets and other resources (where applicable) for this book are available here.

作者介绍:

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评论

很详细耐心的一本统计入门书，通过来自真实研究案例（论文）的例题习题教你如何使用统计工具，不需要很多数学基础。

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书评

我们在实践中为何总是选择使用正态分布呢，正态分布在自然界中的频繁出现只是原因之一。Jaynes认为还有一个重要的原因是正态分布的最大熵性质。在很多时候我们并不知道数据的真实分布是什么，但是一个分布的均值和方差往往是相对稳定的。因此我们能从数据中获取到的比较好...

算是本科读完学校自己老师编的教材外的第一本英文概率论,当时感觉还不错,对很多概念的理解比以前深多了.
但这几天第二次翻的时候就觉得,可能是因为本科教材作了反面映衬.好多重要的概念没有细讲,比如我现在觉得非常重要的矩母函数;而且严谨性有所欠缺,比如介绍一个分布,在给出...

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