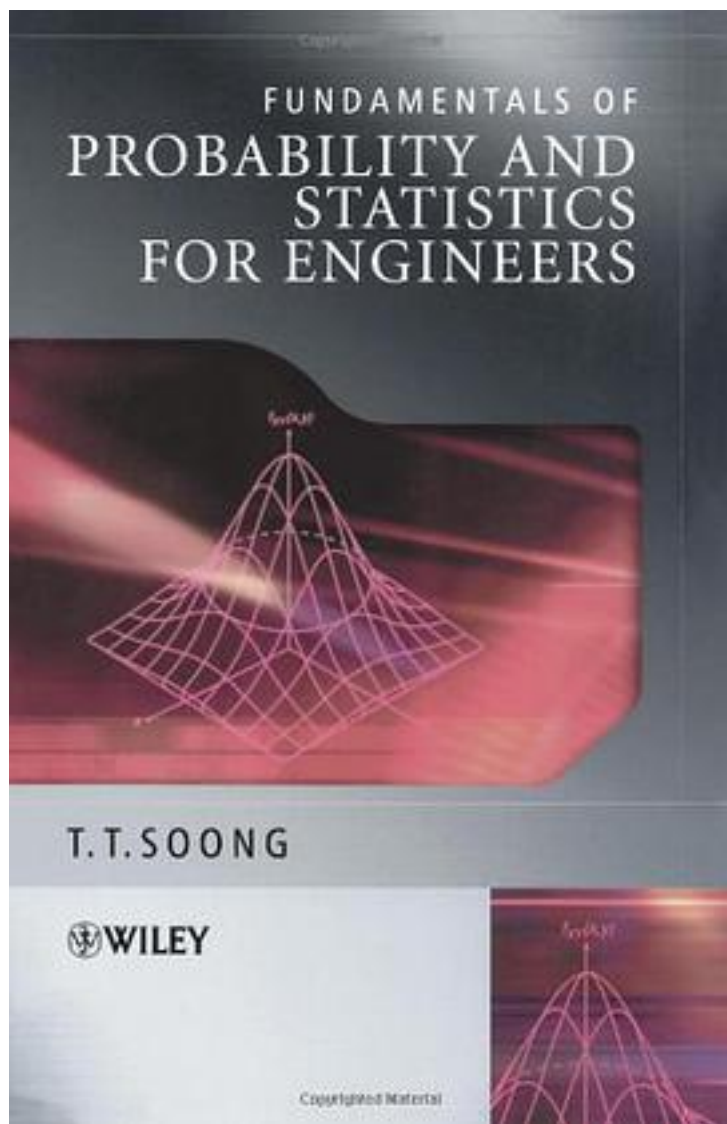


Fundamentals of Probability and Statistics for Engineers



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This textbook differs from others in the field in that it has been prepared very much with students and their needs in mind, having been classroom tested over many years. It is a true "learner's book" made for students who require a deeper understanding of probability and statistics. It presents the fundamentals of the subject along with concepts of probabilistic modelling, and the process of model selection, verification and analysis. Furthermore, the inclusion of more than 100 examples and 200 exercises (carefully selected from a wide range of topics), along with a solutions manual for instructors, means that this text is of real value to students and lecturers across a range of engineering disciplines. It presents the fundamentals in probability and statistics along with relevant applications. It explains the concept of probabilistic modelling and the process of model selection, verification and analysis. Definitions and theorems are carefully stated and topics rigorously treated. It includes a chapter on regression analysis. It covers design of experiments. It demonstrates practical problem solving throughout the book with numerous examples and exercises purposely selected from a variety of engineering fields. It includes an accompanying online Solutions Manual for instructors containing complete step-by-step solutions to all problems.

作者介绍:

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标签

概率论

数学

评论

整个推倒过程都是算得上物理中的严谨了，没有实变插进去的那种严谨，超适合初学者！！

书评