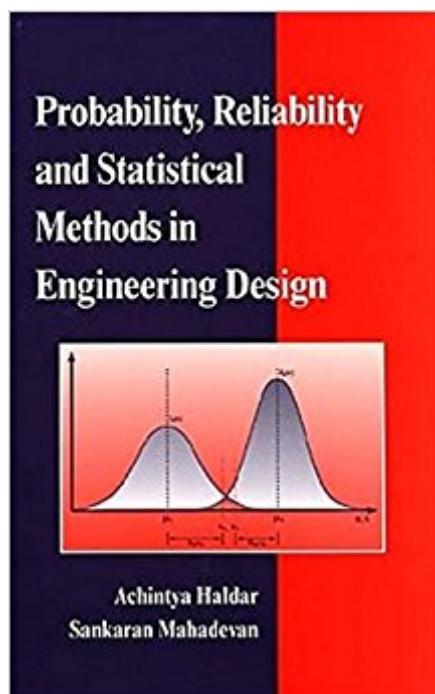


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Probability, Reliability, And Statistical Methods In Engineering Design



Synopsis

Learn the tools to assess product reliability! Haldar and Mahadevan crystallize the research and experience of the last few decades into the most up-to-date book on risk-based design concepts in engineering available. The fundamentals of reliability and statistics necessary for risk-based engineering analysis and design are clearly presented. And with the help of many practical examples integrated throughout the text, the material is made very relevant to today's practice. Key Features * Covers all the fundamental concepts and mathematical skills needed to conduct reliability assessments. * Presents the most widely-used reliability assessment methods. * Concepts that are required for the implementation of risk-based design in practical problems are developed gradually. * Both risk-based and deterministic design concepts are included to show the transition from traditional to modern design practice.

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Learn the tools to assess product reliability! Haldar and Mahadevan crystallize the research and experience of the last few decades into the most up-to-date book on risk-based design concepts in engineering available. The fundamentals of reliability and statistics necessary for risk-based engineering analysis and design are clearly presented. And with the help of many practical examples integrated throughout the text, the material is made very relevant to today's practice. Key Features * Covers all the fundamental concepts and mathematical skills needed to conduct reliability assessments. * Presents the most widely-used reliability assessment methods. * Concepts

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I am taking his classes, so I bought this book. The book is written in very simple way. I think that anyone might be able to understand the all concepts Mr. Haldar is introducing in this book. I would definitely recommend this book, if you are required to purchase on by the course, or doing researches that are based on the concepts from this book

Expensive to buy. Does not contain everything, like more advanced topics of reliability design, such as Monte Carlo, Fault Tree, Structural Reliability etc etc. Has good amount of examples.

Great book,especially if you're getting started in Probabilistic Analysis.

The book in general is good but I think it is expensive.

buen libro

Great explanations for the theories behind reliability methods used within research for engineering design today. I have used the book almost religiously in my studies.

Excellent text with an abundance of practical examples which demonstrate and apply the material of the text. Very interesting and concise.

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