Probability, Statistics and Queueing Theory

By V. Sundarapandian

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Probability, Statistics and Queueing Theory is considered to be a 'tough' subject by most engineering and science students all over the world. What Professor Sundarapandian with his indepth knowledge and rich and long experience strives to do is to make the concepts very clear and comprehensible to the students by his lucid presentation and illustrative approach.

The book analyses various types of random processes, spectral density functions and their applications to linear systems. Besides, it deals with the basics of queueing theory with a clear exposition of the five important queueing models. The text gives a detailed description of such topics as random variables, standard probability distribution, central limit theorem, random processes and spectral theory.

The text is profusely illustrated with examples and diagrams so as to make this rigorous subject more understandable to the students.

KEY FEATURES
• The text is comprehensive and the presentation practical.
• Over 625 worked-out Examples, and over 440 Problem Sets.
• Answers to all section-end problems.

Intended primarily as a text for undergraduate students of Engineering for their courses on Probability, Statistics, Random Processes and Queueing Theory, the book will also be extremely useful for undergraduate and postgraduate students of Science and postgraduate students of Engineering pursuing these courses.

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