



Systems Engineering: With Economics, Probability, and Statistics (Hardback)

By C. Jotin Khisty

J Ross Publishing, United States, 2012. Hardback. Book Condition: New. 2nd Revised edition. 236 x 190 mm. Language: English . Brand New Book. This extensively revised comprehensive textbook, covering a wide range of topics, is suitable for courses at the graduate and undergraduate levels, each with a different emphasis. There is more than enough material to cover two semesters of an undergraduate course, as well as a one semester graduate course. The pedagogy provides enough flexibility for an instructor to teach the topics in systems engineering she or he would like. Systems Engineering with Economics, Probability and Statistics, Second Edition is sufficiently broad-based for undergraduate and graduate programs in various branches of engineering and management. Key Features Includes a wide range of topics covering the fundamentals and practice applications of probability and statistics (including advanced topics on statistical analysis, testing and interpretation of engineering data), microeconomics, engineering economics, hard systems (such as linear programming, decision analysis, CPM, LOB and PERT), soft systems analysis (such as Checkland's method), and sustainable development and sustainability applications in engineering planning. Avoids the abstract mathematical approach usually found in textbooks on this subject, in favor of one that is geared to practical engineering applications. Integrates the power of...



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