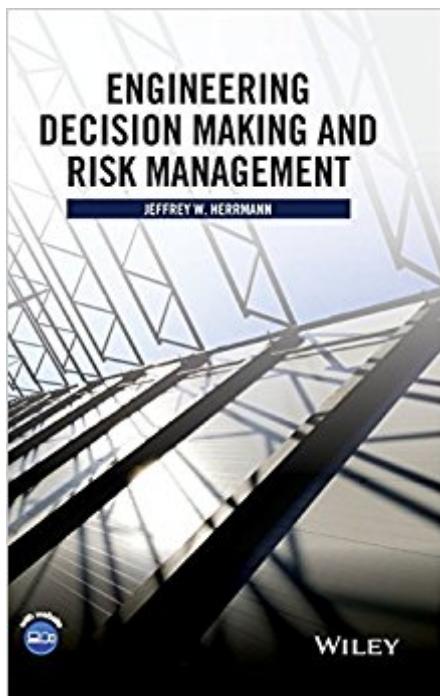


The book was found

Engineering Decision Making And Risk Management



Synopsis

IIE/Joint Publishers Book of the Year Award 2016! Awarded for â ªan outstanding published book that focuses on a facet of industrial engineering, improves education, or furthers the professionâ ª™. Engineering Decision Making and Risk Management emphasizes practical issues and examples of decision making with applications in engineering design and managementFeaturing a blend of theoretical and analytical aspects, this book presents multiple perspectives on decision making to better understand and improve risk management processes and decision-making systems.Engineering Decision Making and Risk Management uniquely presents and discusses three perspectives on decision making: problem solving, the decision-making process, and decision-making systems. The author highlights formal techniques for group decision making and game theory and includes numerical examples to compare and contrast different quantitative techniques. The importance of initially selecting the most appropriate decision-making process is emphasized through practical examples and applications that illustrate a variety of useful processes. Presenting an approach for modeling and improving decision-making systems, Engineering Decision Making and Risk Management also features: Theoretically sound and practical tools for decision making under uncertainty, multi-criteria decision making, group decision making, the value of information, and risk management Practical examples from both historical and current events that illustrate both good and bad decision making and risk management processes End-of-chapter exercises for readers to apply specific learning objectives and practice relevant skills A supplementary website with instructional support material, including worked solutions to the exercises, lesson plans, in-class activities, slides, and spreadsheets An excellent textbook for upper-undergraduate and graduate students, Engineering Decision Making and Risk Management is appropriate for courses on decision analysis, decision making, and risk management within the fields of engineering design, operations research, business and management science, and industrial and systems engineering. The book is also an ideal reference for academics and practitioners in business and management science, operations research, engineering design, systems engineering, applied mathematics, and statistics.

Book Information

Hardcover: 360 pages

Publisher: Wiley; 1 edition (April 6, 2015)

Language: English

ISBN-10: 1118919335

ISBN-13: 978-1118919330

Product Dimensions: 6.4 x 1 x 9.6 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 stars 2 customer reviews

Best Sellers Rank: #721,273 in Books (See Top 100 in Books) #94 in Books > Business & Money > Finance > Financial Risk Management #119 in Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Signal Processing #681 in Books > Business & Money > Management & Leadership > Management Science

Customer Reviews

Emphasizes practical issues and examples of decision making with applications in engineering design and management. Featuring a blend of theoretical and analytical aspects, *Engineering Decision Making and Risk Management* presents multiple perspectives on decision making to better understand and improve risk management processes and decision-making systems. *Engineering Decision Making and Risk Management* uniquely presents and discusses three perspectives on decision making: problem solving, the decision-making process, and decision-making systems. The author highlights formal techniques for group decision making and game theory and includes numerical examples to compare and contrast different quantitative techniques. The importance of initially selecting the most appropriate decision-making process is emphasized through practical examples and applications that illustrate a variety of useful processes. Presenting an approach for modeling and improving decision-making systems, *Engineering Decision Making and Risk Management* also features: Theoretically sound and practical tools for decision making under uncertainty, multi-criteria decision making, group decision making, the value of information, and risk management. Practical examples from both historical and current events that illustrate both good and bad decision making and risk management processes. End-of-chapter exercises for readers to apply specific learning objectives and practice relevant skills. A supplementary website with instructional support material, including worked solutions to the exercises, lesson plans, in-class activities, slides, and spreadsheets. An excellent textbook for upper-undergraduate and graduate students, *Engineering Decision Making and Risk Management* is appropriate for courses on decision analysis, decision making, and risk management within the fields of engineering design, operations research, business and management science, and industrial and systems engineering. The book is also an ideal reference for academics and practitioners in business and management science, operations research, engineering design, systems engineering, applied mathematics, and

statistics. Jeffrey W. Herrmann, PhD, is Associate Professor at the University of Maryland, where he holds a joint appointment with the Department of Mechanical Engineering and the Institute for Systems Research. A member of the Institute of Industrial Engineers, the Institute for Operations Research and the Management Sciences, the American Society of Mechanical Engineers, and the American Society for Engineering Education, Dr. Herrmannâ™s research interests include production scheduling, decision making in product development, and public health preparedness planning.

Jeffrey W. Herrmann, PhD, is Associate Professor at the University of Maryland, where he holds a joint appointment with the Department of Mechanical Engineering and the Institute for Systems Research. A member of the Institute of Industrial Engineers, the Institute for Operations Research and the Management Sciences, the American Society of Mechanical Engineers, and the American Society for Engineering Education, Dr. Herrmannâ™s research interests include production scheduling, decision making in product development, and public health preparedness planning.

Excellent

Very good book

[Download to continue reading...](#)

Soap Making: 365 Days of Soap Making: 365 Soap Making Recipes for 365 Days (Soap Making, Soap Making Books, Soap Making for Beginners, Soap Making Guide, ... Making, Soap Making Supplies, Crafting) Soap Making: 365 Days of Soap Making (Soap Making, Soap Making Books, Soap Making for Beginners, Soap Making Guide, Soap Making Recipes, Soap Making Supplies): Soap Making Recipes for 365 Days Engineering Decision Making and Risk Management Global Risk Agility and Decision Making: Organizational Resilience in the Era of Man-Made Risk Making Enterprise Risk Management Pay Off: How Leading Companies Implement Risk Management CRITICAL THINKING: A Beginner's Guide To Critical Thinking, Better Decision Making, And Problem Solving ! (critical thinking, problem solving, strategic thinking, decision making) Critical Thinking: Decision Making with Smarter Intuition and Logic! (Critical Thinking, Decision Making, Logic, Intuition) Forensic Assessment of Violence Risk: A Guide for Risk Assessment and Risk Management Decision Making in Medicine: An Algorithmic Approach, 3e (Clinical Decision Making Series) The Ultimate Soap Making Guide: Unique Soap Making Recipes & Complete Soap Making Guide for Beginners (Soap Making at Home, Soapmaking Guide, Soap Making Recipes, Soap

Making Book) AMC Guide to Outdoor Leadership: Trip Planning * Group Dynamics * Decision Making * Leading Youth * Risk Management Model Risk in Financial Markets:From Financial Engineering to Risk Management Biomedical Ethics for Engineers: Ethics and Decision Making in Biomedical and Biosystem Engineering (Biomedical Engineering Series) Fundamentals of Risk Management: Understanding, evaluating and implementing effective risk management Hedging Currency Exposures: Currency Risk Management (Risk Management Series) Security Risk Management: Building an Information Security Risk Management Program from the Ground Up Decision Traps: The Ten Barriers to Decision-Making and How to Overcome Them What's Your Decision?: How to Make Choices with Confidence and Clarity: An Ignatian Approach to Decision Making Strategic Decision Making: Multiobjective Decision Analysis with Spreadsheets The Credit Scoring Toolkit: Theory and Practice for Retail Credit Risk Management and Decision Automation

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)