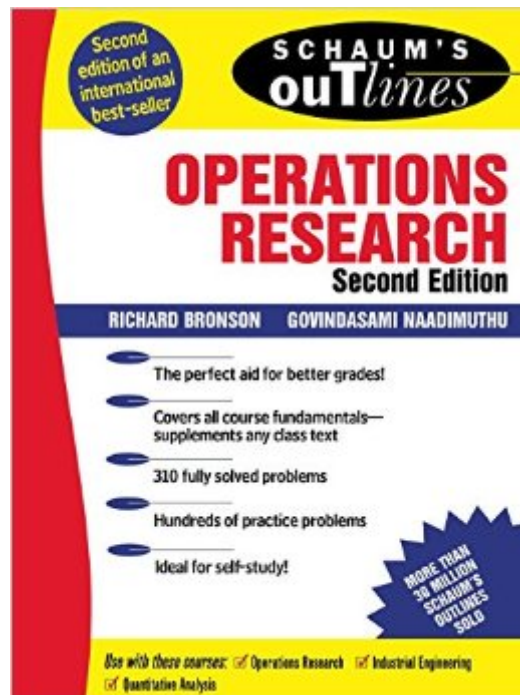


The book was found

Schaum's Outline Of Operations Research



Synopsis

Confusing Textbooks? Missed Lectures? Not Enough Time? Fortunately for you, there's Schaum's Outlines. More than 40 million students have trusted Schaum's to help them succeed in the classroom and on exams. Schaum's is the key to faster learning and higher grades in every subject. Each Outline presents all the essential course information in an easy-to-follow, topic-by-topic format. You also get hundreds of examples, solved problems, and practice exercises to test your skills. This Schaum's Outline gives you Practice problems with full explanations that reinforce knowledge Coverage of the most up-to-date developments in your course field In-depth review of practices and applications Fully compatible with your classroom text, Schaum's highlights all the important facts you need to know. Use Schaum's to shorten your study time-and get your best test scores! Schaum's Outlines-Problem Solved.

Book Information

Series: Schaum's Outlines

Paperback: 456 pages

Publisher: McGraw-Hill Education; 2 edition (July 22, 1997)

Language: English

ISBN-10: 0070080208

ISBN-13: 978-0070080201

Product Dimensions: 8.1 x 0.8 x 10.8 inches

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

Average Customer Review: 4.2 out of 5 stars [See all reviews](#) (19 customer reviews)

Best Sellers Rank: #491,421 in Books (See Top 100 in Books) #70 in [Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Production, Operation & Management](#) #210 in [Books > Business & Money > Processes & Infrastructure > Operations Research](#) #221 in [Books > Business & Money > Management & Leadership > Quality Control & Management > Total Quality Management](#)

Customer Reviews

Some of the primary tools used by operations researchers are statistics, optimization, stochastics, queueing theory, game theory, graph theory, and simulation. Because of the computational nature of these fields operations research also has ties to computer science, and thus this outline is useful to people from both fields. OR is concerned with optimization problems in which one seeks to maximize or minimize a specific quantity. The first part of this book is on optimization via linear,

integer, and nonlinear programming. Next, network analysis is covered. Network analysis is the general name given to certain specific techniques which can be used for the planning, management and control of projects. Two different techniques for network analysis were developed independently in the late 1950's - PERT (Program Evaluation and Review Technique) and CPM (Critical Path Management). These techniques are also covered in the outline. The next subject tackled is that of inventory models - allowing shortages, allowing price discounts, risk conditions, etc., and their mathematical modeling. Game theory, decision theory, and dynamic programming are all explained in the context of inventory models and forecasting. Finally, there is coverage of Markov chains and queueing theory. Queueing Theory arises from the use of mathematical analysis to theoretically describe production processes along with statistical/probabilistic techniques to account for varying dynamic patterns within the stages of a productive process. The problem to be met is simply entitled "congestion", what happens when a system does not operate smoothly or efficiently. I really liked this Schaum's outline, and I used it to teach myself most of the mathematical processes covered without the need for any additional resources.

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

Schaum's Outline of Financial Management, Third Edition (Schaum's Outline Series) Schaum's Outline of Mathematics of Finance (Schaum's Outline Series) Schaum's Outline of Operations Research Schaum's Outline of Theory and Problems of Programming With Fortran 90 (Schaum's Outlines) Schaum's Outline of Introduction to Mathematical Economics, 3rd Edition (Schaum's Outlines) Schaum's Outline of Applied Physics, 4ed (Schaum's Outlines) Schaum's Outline of Theory and Problems of Physics for Engineering and Science (Schaum's Outlines) Schaum's Outline of Engineering Mechanics: Statics (Schaum's Outlines) Schaum's Outline of Signals and Systems, 3rd Edition (Schaum's Outlines) Schaum's Outline of Genetics, Fifth Edition (Schaum's Outlines) Schaum's Outline of Financial Management, Third Edition (Schaum's Outlines) Schaum's Outline of College Algebra, 4th Edition (Schaum's Outlines) Schaum's Outline of Mathematics of Finance, Second Edition (Schaum's Outlines) Schaum's Outline of Mathematical Methods for Business and Economics (Schaum's Outlines) Schaum's Outline of Bookkeeping and Accounting, Fourth Edition (Schaum's Outlines) Schaum's Outline of Statistics and Econometrics, Second Edition (Schaum's Outlines) Schaum Note Spellers Book 1 (Schaum Method Supplement) Schaum's Outline of Engineering Economics Schaum's Outline of Thermodynamics for Engineers, 3rd Edition (Schaum's Outlines) Schaum's Outline of Mathematics of Finance

[Dmca](#)