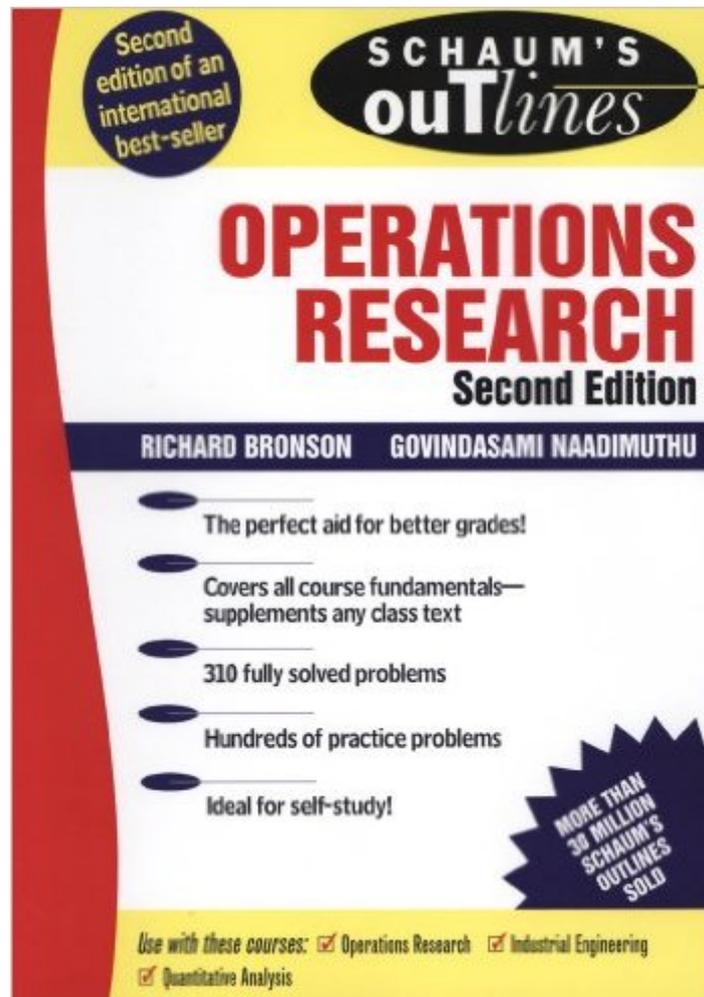


The book was found

# Schaum's Outline Of Operations Research (Schaum's Outlines)



## 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

File Size: 25705 KB

Print Length: 456 pages

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

Publication Date: July 22, 1997

Sold by: Digital Services LLC

Language: English

ASIN: B00AUGCJD0

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #524,079 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #34

in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Industrial,

Manufacturing & Operational Systems > Production, Operation & Management #78 in Kindle

Store > Kindle eBooks > Business & Money > Management & Leadership > Operations Research

#127 in Books > Engineering & Transportation > Engineering > Industrial, Manufacturing &

Operational Systems > Production, Operation & 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 Operations Research (Schaum's Outlines) Schaum's Outline of Matrix Operations (Schaum's Outlines) Schaum's Outline of Programming With Fortran 77 (Schaum's Outlines) Schaum's Outline of Strength of Materials, 6th Edition (Schaum's Outlines) Schaum's Outline of Basic Circuit Analysis, Second Edition (Schaum's Outlines) Schaum's Outline of Basic Electricity, Second Edition (Schaum's Outlines) Schaum's Outline of Optics (Schaum's Outlines) Schaum's Outline of Geometry, 5th Edition: 665 Solved Problems + 25 Videos (Schaum's Outlines) Schaum's Outline of Basic Mathematics with Applications to Science and Technology, 2ed (Schaum's Outlines) Schaum's Outline of Fluid Mechanics and Hydraulics, 4th Edition (Schaum's Outlines) Schaum's Outline of Microbiology, Second Edition (Schaum's Outlines) Schaum's Outline of Logic, Second Edition (Schaum's Outlines) Schaum's Outline of Organic Chemistry: 1,806 Solved Problems + 24 Videos (Schaum's Outlines) Schaum's Outline of Mathematics for Nurses (Schaum's Outlines) Schaum's Outline of Advanced Mathematics for Engineers and Scientists (Schaum's Outlines) Schaum's Outline of Calculus, 6th Edition: 1,105 Solved Problems + 30 Videos (Schaum's Outlines) Schaum's Outline of Fourier Analysis with Applications to Boundary Value Problems

(Schaum's Outlines) Schaum's Outline of Advanced Calculus, Third Edition (Schaum's Outlines)  
Schaum's Outline of Precalculus, 3rd Edition: 738 Solved Problems + 30 Videos (Schaum's  
Outlines) Schaum's Outline of Abstract Algebra (Schaum's Outlines)

[Dmca](#)