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International Conference on EC3-Energy, Computer, Communication, and Control Systems, August 28-30, 1991: Energy and controls 1991
Air Force Journal of Logistics 1981
DPMax: Dynamic Programming to the Max Third Edition Christian Colossus 2019-12-05 DPMax stands for 'dynamic programming to the max'. It highlights the graphical and textual analyses of 2 of the most common dynamic programming algorithms: The Longest Common Subsequence and The Longest/Shortest Paths Using Weights. It takes a brief look at the subjects of optimization and dynamic programming before delving into the core subjects of the book. It is a must-have for bioinformaticians, computer scientists and molecular biologists.
Introduction to Operations Research Frederick S. Hillier 1990
Topics in Management Science Robert E. Markland 1989-03-29 This Third Edition of the popular management science text, featuring more concise coverage of topics, new case studies for all eighteen chapters, and more illustrations, tables, and diagrams. Practical approach teaches students how to use management science techniques in real-world situations. Contains over 500 problems and 200 discussion questions.
Quantitative Models for Management K. Roscoe Davis 1984
Operations Research Frederick Stanton Hillier 1980
Quantitative Concepts for Management Gary D. Eppen 1979
Marketing Decision Making Gary L. Lilien 1983
American Book Publishing Record 1985
Business Analytics for Decision Making Steven Orla Kimbrough 2018-09-03 Business Analytics for Decision Making, the first complete text suitable for use in introductory Business Analytics courses, establishes a national syllabus for an emerging first course at an MBA or upper undergraduate level. This timely text is mainly about model analytics, particularly analytics for constrained optimization. It uses implementations that allow students to explore models and data for the sake of discovery, understanding, and decision making. Business analytics is about using data and models to solve various kinds of decision problems. There are three aspects for those who want to make the most of their analytics: encoding, solution design, and post-solution analysis. This textbook addresses all three. Emphasizing the use of constrained optimization models for decision making, the book concentrates on post-solution analysis of models. The text focuses on computationally challenging problems that commonly arise in business environments. Unique among business analytics texts, it emphasizes using heuristics for solving difficult optimization problems important in business practice by making best use of methods from Computer Science and Operations Research. Furthermore, case studies and examples illustrate the real-world applications of these methods. The authors supply examples in Excel®, GAMS, MATLAB®, and OPL. The metaheuristics code is also made available at the book's website in a documented library of Python modules, along with data and material for homework exercises. From the beginning, the authors emphasize analytics and de-emphasize representation and encoding so students will have plenty to sink their teeth into regardless of their computer programming experience.
Books in Print Supplement 1987 Includes authors, titles, subjects.
The Relationship Between the Minty Coloring Property and Linear Programming Duality in Network Flows Dana A. Madalon 1983
Publishers' Trade List Annual 1995
Selected Library Acquisitions United States. Department of Transportation
American Book Publishing Record Cumulative, 1950-1977 R.R. Bowker Company. Department of Bibliography 1978
A Multiple Period Optimization Model for Scheduling Maintenance of Transportation Facilities Kiyoaki Murakami 1984
Production and Operations Management William J. Sawaya 1986
British Books in Print 1985
Books for College Libraries: Psychology, science, technology, bibliography Association of College and Research Libraries 1988 The third edition lists 50,000 titles that form the foundation of an undergraduate library's collection.
Interfaces 1984
Operations Research Frederick S. Hillier 2014-08-29 Aus dem Vorwort der Autoren: “ bereits in früheren Auflagen sind uns auch bei dieser Auflage der Motivationscharakter und die Einfachheit der Ausführungen wichtiger als exakte Beweise und technische Freiheiten. Wir glauben, dass die vorliegende Auflage für den praxisorientierten Studenten, auch ohne große mathematische Kenntnisse, attraktiver und besser lesbar geworden ist. Dennoch sind wir der Meinung, dass die Theorie der Operations Research nur von der mathematischen Seite her wirklich verstanden und gewürdigt werden kann. Es ist daher auch die fünfte Auflage nach wie vor an den gleichen Leserkreis wie die früheren Auflagen gerichtet, an die Studenten verschiedenster Fachrichtungen (Ingenieurswesen, Wirtschafts- und Sozialwissenschaften sowie mathematische Wissenschaften), die sich manchmal angesichts des riesigen Wortschwalls ihrer Studiengebiete nach einem bißchen mathematischer Klarheit sehnen. Die einzelnen Kapitel lassen sich auf vielfältige Art und Weise zu Kursen oder zum Selbststudium zusammenstellen, da das Buch sehr flexibel angelegt ist. Teil eins liefert eine Einführung in die Thematik des Operations Research. Teil zwei (über lineare Programmierung) und auch Teil drei (über mathematische Programmierung) lassen sich unabhängig von Teil vier (über stochastische Modelle) durcharbeiten.“
Engineering Decision Making and Risk Management Jeffrey W. Herrmann 2015-03-13 IIE/Joint Publishers Book of the Year Award 2016! Awarded for ‘an outstanding published book that focuses on a facet of industrial engineering, improves education, or furthers the

profession'. Engineering Decision Making and Risk Management emphasizes practical issues and examples of decision making with applications in engineering design and management Featuring 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.
Management Science 2000-09 Issues for Feb. 1965-Aug. 1967 include Bulletin of the Institute of Management Sciences.
EAMIT Dave L. Butts 1981
Management Science Kenneth R. Baker 1985 A concise, non-technical introduction to the important principles of management science that introduces the most commonly used models and techniques. Combining text with case studies and emphasizing sensitivity analysis throughout, it introduces students to the practical aspects of decision problems that occur in the management context of a wide variety of fields and disciplines. The book includes many exercises and actual case studies, enabling students to practice formal analyses and understand models in the classroom. Separate chapters are featured on integer programming, forecasting, newsboy analysis and detailed coverage of branch and bound, deterministic simulations and Wagner-Whitin algorithm.
Applied Mathematical Programming Stephen P. Bradley 1977 Mathematical programming: an overview; solving linear programs; sensitivity analysis; duality in linear programming; mathematical programming in practice; integration of strategic and tactical planning in the aluminum industry; planning the mission and composition of the U.S. merchant Marine fleet; network models; integer programming; design of a naval tender job shop; dynamic programming; large-scale systems; nonlinear programming; a system for bank portfolio planning; vectors and matrices; linear programming in matrix form; a labeling algorithm for the maximun-flow network problem.
Understanding New Media Kim H. Veltman 2006 This book outlines the development currently underway in the technology of new media and looks further to examine the unforeseen effects of this phenomenon on our culture, our philosophies, and our spiritual outlook. The digital revolution is something fundamentally different from simply the introduction of yet another medium to our culture: it marks a paradigm shift in our relation to all media, to all our senses, all our expressions. The new media are transforming our definitions of culture and knowledge and transcending barriers in ways that will have lasting implications for generations to come.
DPMax: Dynamic Programming to the Max Christian Colossus
Harvard Business School Bulletin 1989
Assessment of least-cost pathways for decarbonising Europe's power supply : a model-based long-term scenario analysis accounting for the characteristics of renewable energies Pfluger, Benjamin 2014-05-22
Scientific and Technical Books and Serials in Print 1989
Subject Catalog Library of Congress 1977
Management for Productivity John R. Schermerhorn 1986 A completely self-contained treatment of management fundamentals, including text, case applications, class exercises and career perspectives - a complete course and supplemental ancillaries in a single text. Designed for a first course in principles of management, this revised and updated edition introduces the traditional management functions - planning, organizing, leading and controlling - with a strong, ongoing emphasis on productivity. Changes include new end of chapter cases, new career perspectives and four new extensive case studies.
Books in Print 1995
An Elementary Introduction to Linear Programming Lori Ann Malmrose 1989
National Union Catalog 1977 Includes entries for maps and atlases.
DASR Rollout Scheduling Dan Allen 2006
Large-Scale Regional Water Resources Planning D.C. Major 2013-12-21 While creativity plays an important role in the advancement of computer science, great ideas are built on a foundation of practical experience and knowledge. This book presents programming techniques which will be useful in both AI projects and more conventional software engineering endeavors. My primary goal is to enter tain, to introduce new technologies and to provide reusable software modules for the computer programmer who enjoys using programs as models for solutions to hard and interesting problems. If this book succeeds in entertaining, then it will certainly also educate. I selected the example application areas covered here for their difficulty and have provided both program examples for specific applications and (I hope) the method ology and spirit required to master problems for which there is no obvious solution. I developed the example programs on a Macintosh TM using the Macintosh Common LISP TM development system capturing screen images while the example programs were executing. To ensure portability to all Common LISP environments, I have provided a portable graphics library in Chapter 2. All programs in this book are copyrighted by Mark Watson. They can be freely used in any free or commercial software systems if the following notice appears in the fine print of the program's documentation: "This program contains software written by Mark Watson." No royalties are required. The program miniatures contained in this book may not be distributed by posting in source code form on public information networks, or in printed form without my written permission.
Game Theory and Machine Learning for Cyber Security Charles A. Kamhoua 2021-09-08 Move beyond the foundations of machine learning and game theory in cyber security to the latest research in this cutting-edge field In Game Theory and Machine Learning for Cyber Security, a team of expert security researchers delivers a collection of central research contributions from both machine learning and game theory applicable to cybersecurity. The distinguished editors have included resources that address open research questions in game theory and machine learning applied to cyber security systems and examine the strengths and limitations of current game theoretic models for cyber security. Readers will explore the vulnerabilities of traditional machine learning algorithms and how they can be mitigated in an adversarial machine learning approach. The book offers a comprehensive suite of solutions to a broad range of technical issues in applying game theory and machine learning to solve cyber security challenges. Beginning with an introduction to

foundational concepts in game theory, machine learning, cyber security, and cyber deception, the editors provide readers with resources that discuss the latest in hypergames, behavioral game theory, adversarial machine learning, generative adversarial networks, and multi-agent reinforcement learning. Readers will also enjoy: A thorough introduction to game theory for cyber deception, including scalable algorithms for identifying stealthy attackers in a game theoretic framework, honeypot allocation over attack graphs, and behavioral games for cyber deception An exploration of game theory for cyber security, including actionable game-theoretic adversarial intervention detection against persistent and advanced threats Practical discussions of adversarial machine learning for cyber security, including adversarial machine learning in 5G security and machine learning-driven fault injection in cyber-physical systems In-depth examinations of generative models for cyber security Perfect for researchers, students, and experts in the fields of computer science and engineering, Game Theory and Machine Learning for Cyber Security is also an indispensable resource for industry professionals, military personnel, researchers, faculty, and students with an interest in cyber security.