Ricerca Operativa

When people should go to the ebook stores, search establishment by shop, shelf by shelf, it is in reality problematic. This is why we present the ebook compilations in this website. It will very ease you to look guide **Ricerca Operativa** as you such as.

By searching the title, publisher, or authors of guide you essentially want, you can discover them rapidly. In the house, workplace, or perhaps in your method can be all best place within net connections. If you intend to download and install the Ricerca Operativa , it is very simple then, back currently we extend the link to purchase and make bargains to download and install Ricerca Operativa correspondingly simple!

Handbook of Global Optimization - R. Horst 2013-12-11
Global optimization is concerned with the computation and characterization of global optima of nonlinear functions. During the past three decades the field of global optimization has been growing at a rapid pace, and the number of publications on all aspects of global optimization has been increasing steadily. Many applications, as well as new theoretical, algorithmic, and computational contributions have resulted. The Handbook of Global Optimization is the first comprehensive book to cover recent developments in global optimization. Each contribution in the Handbook is essentially expository in nature, but scholarly in its treatment. The chapters cover optimality conditions, complexity results, concave minimization, DC programming, general quadratic programming, nonlinear complementarity, minimax problems, multiplicative programming, Lipschitz optimization, fractional programming, network problems, trajectory methods, homotopy methods, interval methods, and stochastic approaches. The Handbook of Global Optimization is addressed to researchers in mathematical programming, as well as all scientists who use optimization methods to model and solve problems.

Proceedings of the ... International Conference on Operational Research - 1970

ICDT'86 - Giorgio Ausiello 1986-12

Numerical Nonsmooth Optimization - Adil M. Bagirov 2020-02-28
Solving nonsmooth optimization (NSO) problems is critical in many practical applications and real-world modeling systems. The aim of this book is to survey various numerical methods for solving NSO problems and to provide an overview of the latest developments in the field. Experts from around the world share their perspectives on specific aspects of numerical NSO. The book is divided into four parts, the first of which considers general methods including subgradient, bundle and gradient sampling methods. In turn, the second focuses on methods that exploit the problem's special structure, e.g. algorithms for nonsmooth DC programming, VU decomposition techniques, and algorithms for minimax and piecewise differentiable problems. The third part considers methods for special problems like multiobjective and mixed integer NSO, and problems involving inexact data, while the last part highlights the latest advancements in derivative-free NSO. Given its scope, the book is ideal for students attending courses on numerical nonsmooth optimization, for lecturers who teach optimization courses, and for practitioners who apply nonsmooth optimization methods in engineering, artificial intelligence, machine learning, and business. Furthermore, it can serve as a reference text for experts dealing with nonsmooth optimization.

Fondamenti di Ricerca Operativa - Fabio Schoen 2012-03
Si tratta di un libro di testo adatto per un corso introduttivo alla Ricerca Operativa. Contiene un'introduzione alla teoria ed ai metodi per l'ottimizzazione lineare, per l'ottimizzazione discreta, per la determinazione di flussi ottimali su reti. Il testo si basa su appunti in uso da molti anni per i corsi di Fondamenti di Ricerca Operativa e di Metodi e Modelli per le Decisioni per i corsi di laurea in Ingegneria Informatica, Gestionale, Elettronica, Matematica. Si presta anche a insegnamenti presso i corsi di laurea di Economia.

La teoria che non voleva morire - Sharon Bertsch McGrayne 2022-03-08T00:00:00+01:00
46.11

Ricerca operativa - Frederick S. Hillier 2010

Equilibrium and Advanced Transportation Modelling - P. Marcotte 2013-06-29
Each chapter in Equilibrium and Advanced Transportation Modelling develops a topic from basic concepts to the state-of-the-art, and beyond. All chapters relate to aspects of network equilibrium. Chapter One advocates the use of simulation models for the representation of traffic flow movements at the microscopic level. Chapter Two presents travel demand systems for generating trip matrices from activity-based models, taking into account the entire daily schedule of network users. Chapter Three examines equilibrium strategic choices adopted by the passengers of a congested transit system, carefully addressing line selection at boarding and transfer nodes. Chapter Four provides a critical appraisal of the traditional process that consists in sequentially performing the tasks of trip generation, trip distribution, mode split and assignment, and its impact on the practice of transportation planning. Chapter Five gives an insightful overview of stochastic assignment models, both in the static and dynamic cases. Chapters Six and Seven investigate the setting of tolls to improve traffic flow conditions in a congested transportation network. Chapter Eight provides a unifying framework for the analysis of multicriteria assignment models. In this chapter, available algorithms are summarized and an econometric perspective on the estimation of heterogeneous preferences is given. Chapter Nine surveys the use of hyperpaths in operations research and proposes a new paradigm of equilibrium in a capacitated network, with an application to transit assignment. Chapter Ten analyzes the transient states of a system moving towards equilibrium, using the mathematical framework of projected dynamical systems. Chapter Eleven discusses an in-depth survey of algorithms for solving shortest path problems, which are pervasive to any equilibrium algorithm. The chapter devotes special attention to the computation of dynamic shortest paths and to shortest hyperpaths. The final chapter considers operations research tools for reducing traffic congestion, in particular introducing an algorithm for solving a signal-setting problem formulated as a bilevel program.

Uncertainty in Knowledge Bases - Bernadette Bouchon-Meunier 1991-09-11
One out of every two men over eigthy suffers from carcinoma of the prostate.It is discovered incidentally in many patients with an alleged benign prostatic hyperplasia. In treating patients, the authors make clear that primary radical prostatectomy is preferred over transurethral resection due to the lower complication rate.

High-Performance Computing - Laurence T. Yang 2005-11-18
The state of the art of high-performance computing Prominent researchers from around the world have gathered topresent the state-of-the-art techniques and innovations inhigh-performance computing (HPC), including: * Programming models for parallel computing: graph-orientedprogramming (GOP), OpenMP, the stages and transformation (SAT)approach, the bulk-synchronous parallel (BSP) model, MessagePassing Interface (MPI), and Cilk * Architectural and system support, featuring the code tilingcompiler technique, the MigThread application-level migration andcheckpointing package, the new prefetching scheme of atomicity, anew "receiver makes right" data conversion method, and lessonslearned from applying reconfigurable computing to HPC * Scheduling and resource management issues with heterogeneoussystems, bus saturation effects on SMPs, genetic algorithms fordistributed computing, and novel task-scheduling algorithms * Clusters and grid computing: design requirements, gridmiddleware, distributed virtual machines, data grid services andperformance-boosting techniques, security issues, and openissues * Peer-to-peer computing (P2P) including the proposed searchmechanism of hybrid periodical flooding (HPF) and routing protocolsfor improved routing performance * Wireless and mobile computing, featuring discussions ofimplementing the Gateway Location Register (GLR) concept in 3Gcellular networks, maximizing network longevity, and comparisons ofQoS-aware scatternet scheduling algorithms * High-performance applications including partitioners, runningBag-of-Tasks applications on grids, using low-cost clusters to meethigh-demand applications, and advanced convergent architectures andprotocols High-Performance Computing: Paradigm and Infrastructure is aninvaluable

compendium for engineers, IT professionals, andresearchers and students of computer science and appliedmathematics.

Graphs and Order - Ivan Rival 2012-12-06
This volume contains the accounts of the principal survey papers presented at GRAPHS and ORDER, held at Banff, Canada from May 18 to May 31, 1984. This conference was supported by grants from the N.A.T.O. Advanced Study Institute programme, the Natural Sciences and Engineering Research Council of Canada and the University of Calgary. We are grateful for all of this considerable support. Almost fifty years ago the first Symposium on Lattice Theory was held in Charlottesville, U.S.A. On that occasion the principal lectures were delivered by G. Birkhoff, O. Ore and M.H. Stone. In those days the theory of ordered sets was thought to be a vigorous relative of group theory. Some twenty-five years ago the Symposium on Partially Ordered Sets and Lattice Theory was held in Monterey, U.S.A. Among the principal speakers at that meeting were R.P. Dilworth, B. Jonsson, A. Tarski and G. Birkhoff. Lattice theory had turned inward: it was concerned primarily with problems about lattices themselves. As a matter of fact the problems that were then posed have, by now, in many instances, been completely solved.

Integer Programming and Related Areas - Rabe v. Randow 2012-12-06
The fields of integer programming and combinatorial optimization continue to be areas of great vitality, with an ever increasing number of publications and journals appearing. A classified bibliography thus continues to be necessary and useful today, even more so than it did when the project, of which this is the fifth volume, was started in 1970 in the Institut fur Okonometrie und Operations Research of the University of Bonn. The pioneering first volume was compiled by Claus Kastning during the years 1970 - 1975 and appeared in 1976 as Volume 128 of the series Lecture Notes in Economics and Mathematical Systems published by the Springer Verlag. Work on the project was continued by Dirk Hausmann, Reinhardt Euler, and Rabe von Randow, and resulted in the publication of the second, third, and fourth volumes in 1978, 1982, and 1985 (Volumes 160, 197, and 243 of the above series). The present book constitutes the fifth volume of the bibliography and covers the period from autumn 1984 to the end of 1987. It contains 5864 new publications by 4480 authors and was compiled by Rabe von Randow. Its form is practically identical to that of the first four volumes, some additions having been made to the subject list.

Operations Research in Transportation Systems - A.S. Belenky 2013-06-29
The scientific monograph of a survey kind presented to the reader's attention deals with fundamental ideas and basic schemes of optimization methods that can be effectively used for solving strategic planning and operations manage ment problems related, in particular, to transportation. This monograph is an English translation of a considerable part of the author's book with a similar title that was published in Russian in 1992. The material of the monograph embraces methods of linear and nonlinear programming; nonsmooth and nonconvex optimization; integer programming, solving problems on graphs, and solving problems with mixed variables; rout ing, scheduling, solving network flow problems, and solving the transportation problem; stochastic programming, multicriteria optimization, game theory, and optimization on fuzzy sets and under fuzzy goals; optimal control of systems described by ordinary differential equations, partial differential equations, gen eralized differential equations (differential inclusions), and functional equations with a variable that can assume only discrete values; and some other methods that are based on or adjoin to the listed ones.

Real-world Multi-objective System Engineering - Nadia Nedjah 2005
Real-world engineering problems often require concurrent optimisation of several design objectives, which are conflicting in most of the cases. Such an optimisation is generally called multi-objective or multi-criterion optimisation. The area of research that applies evolutionary methodologies to multi-objective optimisation is of special and growing interest. It brings a solution to many yet-opened real-world problems and questions. Generally, multi-objective engineering problems have no single optimal design, but several solutions of equal efficiency allowing different trade-offs. The decision maker's preferences are normally used to select the most adequate design. Such preferences may be dictated before or after the optimisation takes place. They may also be introduced interactively at different levels of the optimisation process. Multi-objective optimisation methods can be subdivided into classical and evolutionary. The classical methods usually aim at a single solution while the evolutionary methods target a whole set of so-called Pareto-optimal solutions. of the evolutionary multi-objective optimisation research area

and related new trends. Furthermore, it reports many innovative designs yielded by the application of such optimisation methods. The contents of the book are divided into two main parts: evolutionary multi-objective optimisation and evolutionary multi-objective designs.

Postoptimal Analyses, Parametric Programming, and Related Topics - Tomas Gal 1994-01-01

Evaluation and Optimization of Electoral Systems - Pietro Grilli Di Cortona 1999-01-01
This monograph offers a systematic quantitative approach to the analysis, evaluation, and design of electoral systems. Today, electoral reform is of concern to newborn democracies as well as many old ones. The authors use mathematical models and automatic procedures, when possible, to solve some of the problems that arise in the comparison of existing systems as well as in the construction of new ones. One distinctive feature of the book is the emphasis on single- and multiple-criteria optimization methods. This powerful tool kit will help political researchers evaluate and choose an appropriate electoral system.

World Guide to Abbreviations of Organizations - F. A. Buttress 2012-12-06
This edition of well over 50,000 entries not only updates its predecessor but considerably increases the coverage of Latin America and Eastern Europe. I have been aided in this work by two colleagues at Glasgow University Library, Dr Lloyd Davies and Barbara MacMillan, and in general revision by Kate Richard. Close on 20% of the text has been altered. The equivalents, introduced into the last edition, linking acronyms in different languages for the same organization, have been extended. New to this edition is the cross-referencing between a defunct organization and its successor. Otherwise the policies adopted in previous editions have been retained: strictly local organizations are omitted, but the subject scope includes activities of all kinds; the country of origin of a national organization is given in brackets, unless it is the home country of the title language or can be readily deduced from the title itself. Acronyms of parent bodies of subsidiary organizations are also added in brackets. A select bibliography guides the reader to specialist works providing more detailed information. Particularly at a time of such widespread political change affecting organizational structures in so many countries, it is impossible to ensure complete up-to-date accuracy in a work of this kind. Readers are earnestly invited to inform me of any errors and omissions for attention in a later edition of this work. H. H. Bibliography Acronyms, Initialisms and Abbreviations Dictionary. 13th edn. Gale Research Co. , Detroit, 1989.

Ricerca Operativa - Paolo Serafini 2009-03-13
Il volume tratta alcuni fra i temi più importanti della Ricerca Operativa, traendo spunti da alcuni problemi reali di carattere gestionale e cercando di dare al lettore un metodo di modellizzazione e di risoluzione, così da fornire quella professionalità che poi permetterà di risolvere casi reali abbastanza complessi. A questo riguardo la Programmazione lineare e la Programmazione lineare intera svolgono nel testo un ruolo centrale, come "utensili" principali del processo risolutivo. I problemi proposti, inizialmente presentati in forma semplice, sono poi modellati in modo sempre più complesso. Gli strumenti analitici e informatici per progettare e risolvere i modelli vengono spiegati facendo riferimento ai problemi stessi.

E-Planning and Collaboration: Concepts, Methodologies, Tools, and Applications - Management Association, Information Resources 2018-06-04
As population growth accelerates, researchers and professionals face challenges as they attempt to plan for the future. E-planning is a significant component in addressing the key concerns as the world population moves towards urban environments. E-Planning and Collaboration: Concepts, Methodologies, Tools, and Applications contains a compendium of the latest academic material on the emerging interdisciplinary areas of e-planning and collaboration. Including innovative studies on data management, urban development, and crowdsourcing, this multi-volume book is an ideal source for planners, policymakers, researchers, and graduate students interested in how recent technological advancements are enhancing the traditional practices in e-planning.

Esercizi di ricerca operativa - Silvano Martello 2003

Computer-Aided Transit Scheduling - Joachim R. Daduna 2012-12-06
This proceedings volume consists of papers presented at the Sixth International Workshop on Computer-Aided Scheduling of Public Transpon, which was held at the Fund~lio Calouste Gulbenkian in Lisbon

from July 6th to 9th, 1993. In the tradition of alternating Workshops between North America and Europe - Chicago (1975), Leeds (1980), Montreal (1983), Hamburg (1987) and again Montreal (1990), the European city of Lisbon was selected as the venue for the Workshop in 1993. As in earlier Workshops, the central theme dealt with vehicle and duty scheduling problems and the employment of operations-research-based software systems for operational planning in public transport. However, as was initiated in Hamburg in 1987, the scope of this Workshop was broadened to include topics in related fields. This fundamental alteration was an inevitable consequence of the growing demand over the last decade for solutions to the complete planning process in public transport through integrated systems. Therefore, the program of this workshop included sections which dealt with scheduling problems and computerized systems for operational planning as well as sections on network planning and data management.

Esercizi svolti di Ricerca Operativa - Marco Ghirardi 2009-05-01
Il testo risponde alle esigenze didattiche degli studenti dei corsi di Ricerca Operativa, affrontando i principali argomenti della materia da un punto di vista applicativo. Per ogni argomento trattato vengono presentate delle note sintetiche studiate per affiancare il lettore nella sua preparazione, una serie di esercizi svolti mirati a fissare i concetti teorici tramite un processo di learning by example, oltre ad una serie di esercizi da svolgere in proprio. Più in dettaglio, il testo affronta, nei diversi capitoli, i seguenti argomenti: • Scrittura di modelli di Programmazione Lineare • Metodi del Simplesso • Problemi di allocazione • Algoritmi su grafi • Metodi esatti per l'Ottimizzazione Combinatoria
Methodos - 1958

Multicriteria Decision Making - G. Leitmann 2014-05-04

Proceedings - 1970

Eudised - Jean Viet 2019-12-02

International Bibliography of the Social Sciences B - International Committee for Social Science Information and Documentation 1969-06
First published in 1969. Routledge is an imprint of Taylor & Francis, an informa company.
Luigi Moretti - Luigi Moretti 2002
Luigi Moretti is the first English-language monograph on the Italian architect and will introduce his writings to the English-speaking world.
Stochastic Versus Fuzzy Approaches to Multiobjective Mathematical Programming under Uncertainty - Shi-Yu Huang 2012-12-06
Operations Research is a field whose major contribution has been to propose a rigorous fonnulation of often ill-defmed problems pertaining to the organization or the design of large scale systems, such as resource allocation problems, scheduling and the like. While this effort did help a lot in understanding the nature of these problems, the mathematical models have proved only partially satisfactory due to the difficulty in gathering precise data, and in formulating objective functions that reflect the multi-faceted notion of optimal solution according to human experts. In this respect linear programming is a typical example of impressive achievement of Operations Research, that in its detenninistic fonn is not always adapted to real world decision-making : everything must be expressed in tenns of linear constraints ; yet the coefficients that appear in these constraints may not be so well-defined, either because their value depends upon other parameters (not accounted for in the model) or because they cannot be precisely assessed, and only qualitative estimates of these coefficients are available. Similarly the best solution to a linear programming problem may be more a matter of compromise between various criteria rather than just minimizing or maximizing a linear objective function. Lastly the constraints, expressed by equalities or inequalities between linear expressions, are often softer in reality that what their mathematical expression might let us believe, and infeasibility as detected by the linear programming techniques can often been coped with by making trade-offs with the real world.
Ricerca operativa - Silvano Martello 2021

Assessment and Simulation Tools for Sustainable Energy Systems - Fausto Cavallaro 2013-08-13
In recent years, the concept of energy has been revised and a new model based on the principle of sustainability has become more and more pervasive. The appraisal of energy technologies and projects is complex and uncertain as the related decision making has to encompass environmental, technical, economic and social factors and information

sources. The scientific procedure of assessment has a vital role as it can supply the right tools to evaluate the actual situation and make realistic forecasts of the effects and outcomes of any actions undertaken. Assessment and Simulation Tools for Sustainable Energy Systems offers reviews of the main assessment and simulation methods used for effective energy assessment. Divided across three sections, Assessment and Simulation Tools for Sustainable Energy Systems develops the reader's ability to select suitable tools to support decision making and implementation of sustainable energy projects. The first is dedicated to the analysis of theoretical foundations and applications of multi-criteria decision making. This is followed by chapters concentrating on the theory and practice of fuzzy inference, neural nets and algorithms genetics. Finally, simulation methods such as Monte Carlo analysis, mathematical programming and others are detailed. This comprehensive illustration of these tools and their application makes Assessment and Simulation Tools for Sustainable Energy Systems a key guide for researchers, scientists, managers, politicians and industry professionals developing the field of sustainable energy systems. It may also prompt further advancements in soft computing and simulation issues for students and researchers.
Discipline Filosofiche (2004-2) - Francesco Bianchini 2004-09-06

Algorithms for Continuous Optimization - E. Spedicato 2012-12-06
The NATO Advanced Study Institute on "Algorithms for continuous optimiza tion: the state of the art" was held September 5-18, 1993, at II Ciocco, Barga, Italy. It was attended by 75 students (among them many well known specialists in optimiza tion) from the following countries: Belgium, Brasil, Canada, China, Czech Republic, France, Germany, Greece, Hungary, Italy, Poland, Portugal, Rumania, Spain, Turkey, UK, USA, Venezuela. The lectures were given by 17 well known specialists in the field, from Brasil, China, Germany, Italy, Portugal, Russia, Sweden, UK, USA. Solving continuous optimization problems is a fundamental task in computational mathematics for applications in areas of engineering, economics, chemistry, biology and so on. Most real problems are nonlinear and can be of quite large size. Devel oping efficient algorithms for continuous optimization has been an important field of research in the last 30 years, with much additional impetus provided in the last decade by the availability of very fast and parallel computers. Techniques, like the simplex method, that were already considered fully developed thirty years ago have been thoroughly revised and enormously improved. The aim of this ASI was to present the state of the art in this field. While not all important aspects could be covered in the fifty hours of lectures (for instance multiob jective optimization had to be skipped), we believe that most important topics were presented, many of them by scientists who greatly contributed to their development.
Ricerca operativa - Massimo Pappalardo 2012

Integer Programming and Related Areas - R.v. Randow 2012-12-06

Urban Systems (Routledge Revivals) - C S Bertuglia 2013-10-18
This edited collection, first published in 1987, provides a comparative analysis of different approaches to urban modelling, and lays the foundations for the possibility of integration and a more unified field. The first part contextualises the development of the field of urban systems modelling, focusing on the variety of approaches and possible implications of this on the future of research and methodology. Next, the editors consider economic and 'non-economic' approaches, followed by an analysis of spatial-interaction-based approaches. Providing an overview to the field and research literature, the overarching argument is that there should be an integrated methodological approach to urban system modelling.
Civic Engagement and Politics: Concepts, Methodologies, Tools, and Applications - Management Association, Information Resources 2019-01-04
Creating transparency between government and citizens through outreach and engagement initiatives is critical to promoting community development and is also an essential part of a democratic society. This can be achieved through a number of methods including public policy, urban development, artistic endeavors, and digital platforms. Civic Engagement and Politics: Concepts, Methodologies, Tools, and Applications is a vital reference source that examines civic engagement practices in social, political, and non-political contexts. As the world is now undergoing a transformation, interdisciplinary collaboration, participation, community-based participatory research, partnerships, and co-creation have become more common than focused domains.

Highlighting a range of topics such as social media and politics, civic activism, and public administration, this multi-volume book is geared toward government officials, leaders, practitioners, policymakers, academicians, and researchers interested in active citizen participation and politics.

Italian Business Dictionary - Morry Sofer 2011-12-01
Up-to-date business terms including banking, the internet, computers, accounting, insurance, real estate, taxes, and more, designed to facilitate communication and cross linguistic barriers.

The Baroque in Architectural Culture, 1880-1980 - Andrew Leach 2016-03-09
In his landmark volume Space, Time and Architecture, Sigfried Giedion paired images of two iconic spirals: Tatlin's Monument to the Third International and Borromini's dome for Sant'Ivo alla Sapienza. The values shared between the baroque age and the modern were thus encapsulated on a single page spread. As Giedion put it, writing of Sant'Ivo, Borromini accomplished 'the movement of the whole pattern [...] from the ground to the lantern, without entirely ending even there.' And yet he merely 'groped' towards that which could 'be completely effected' in modern architecture-achieving 'the transition between inner and outer space.' The intellectual debt of modern architecture to modernist historians who were ostensibly preoccupied with the art and architecture of earlier epochs is now widely acknowledged. This volume extends this work by contributing to the dual projects of the intellectual history of modern architecture and the history of architectural historiography. It considers the varied ways that historians of art and architecture have historicized modern architecture through its interaction with the baroque: a term of contested historical and conceptual significance that has often seemed to shadow a greater contest over the historicity of modernism. Presenting research by an international community of scholars, this book explores through a series of cross sections the traffic of ideas between practice and history that has shaped modern architecture and the academic discipline of architectural history across the long twentieth century. The editors use the historiography of the baroque as a lens through which to follow the path of modern ideas that draw authority from history. In doing so, the volume defines a role for the baroque in the history of architectural historiography and in the history of modern architectural culture.

Elementi di ricerca operativa - R. Tadei 2010