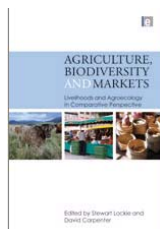


AGRICOLTURA / AGRICULTURE

Agricoltura / Agriculture



Lockie S.

Agriculture, Biodiversity and Markets - Livelihoods and Agroecology in Comparative Perspective

ril. 9781844077762 Lst 60 pagg. 320;

Earthscan Ltd. (01/08/2009)

Agricoltura / Agriculture

Debate about how best to ensure the preservation of agricultural biodiversity is caught in a counter-productive polemic between proponents and critics of market-based instruments and agricultural modernisation. However, it is argued in this book that neither position does justice to the range of strategies that farmers use to manage agrobiodiversity and other livelihood assets as they adapt to changing social, economic, and environmental circumstances. Chapters explore relationships between the exploitation and conservation of agricultural biodiversity and the livelihoods of agricultural communities, and evaluate the capacity of national and multilateral institutions and policy settings to support the protection and capture by communities of agrobiodiversity values

AMBIENTE E ENERGIA / ENVIRONMENT AND ENERGY

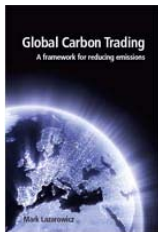
Ambiente E Energia / Environment And Energy



Digest of United Kingdom Energy Statistics 2009

br. 9780115155246 Lst 52 pagg. 256;
TSO Stationery Office (30/07/2009)
Ambiente E Energia / Environment And Energy

Annexes cover: energy and commodity balances, conversion factors and calorific acronyms; further sources of UK energy publications; and major events in the energy industry. Chapters contain details on the production and consumption of individual fuels, presented using commodity balances, which illustrate the flow of a fuel from production to final consumption. Commodity balances are then combined in an energy balance, showing the interaction between different fuels. General energy statistics are presented in a table, revealing energy consumption by final users and an analysis of energy consumption by main industrial groups. Surveys conducted by AEA Energy & Environment on behalf of DECC estimate the contribution made by combined heat and power and renewable energy-to-energy production and consumption in the UK

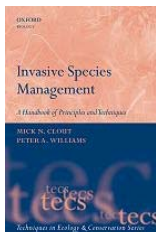


Global Carbon Trading - A Framework for Reducing Emissions

br. 9780117064508 Lst 34,55 pagg. 163;
TSO Stationery Office (21/07/2009)
Ambiente E Energia / Environment And Energy

The Global Carbon Trading report was commissioned by the Prime Minister to examine the role of cap and trade systems internationally and the main challenges that will be faced as they develop. There is now overwhelming evidence that climate change is happening more rapidly than scientists had predicted and the declaration was made at the G8 summit in July 2009 to reduce emissions and limit the global temperature rise to below 2°C. Global carbon trading is an important tool in reducing greenhouse gas emissions

Ecologia / Ecology



Clout M.N.

Invasive Species Management - A Handbook of Principles and Techniques

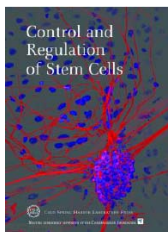
Series: Techniques in Ecology & Conservation

ril. 9780199216321 Lst 65 br. 9780199216338 Lst 32,50 pagg. 336;
Oxford U.P. (01/07/2009)
Ecologia / Ecology

Invasive alien species are a major and growing threat to biodiversity worldwide. The transport of organisms through increased levels of trade and tourism is leading to the widespread breaching of natural biogeographic barriers at unprecedented rates. Consequences can be severe, especially in naturally isolated ecosystems. Invasive alien species can cause the extinction of vulnerable endemic species, alter the structure and composition of communities, disrupt successional pathways, and lead to the loss of ecosystem services. Global climate change may further exacerbate the spread of alien species, as climatic zones shift and potential ranges alter. The effective management of invasive alien species is clearly a priority for biological conservation worldwide.

CHIMICA / CHEMISTRY

Chimica Biologica / Biological Chemistry



Grodzicker T.

Control and Regulation of Stem Cells

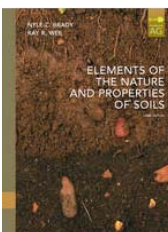
ril. 9780879698614 Lst 195 br. 9780879698621 Lst 80 pagg. 650;

Cold Spring Harbor Laboratory Press (01/06/2009)

Chimica Biologica / Biological Chemistry

Based on presentations by world-renowned investigators at the 73rd annual Cold Spring Harbor Symposium on Quantitative Biology, this volume reviews the latest advances in research on the control and regulation of stem cells. The topics covered include nuclear reprogramming, regulation of stem cell self-renewal and differentiation, the stem cell niche, and signaling and gene regulation in stem cells. Studies of embryonic stem cells and adult stem cells are covered, along with research shedding light on the roles of these cells in regeneration and cancer.

Chimica Del Suolo / Soil Chemistry



Brady N.E.

Elements of the Nature and Properties of Soils 3/e

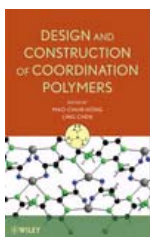
ril. 9780135014332 Eur 79,95 pagg. 624;

Prentice Hall (28/07/2009)

Chimica Del Suolo / Soil Chemistry

With an emphasis on the fundamentals, this book explores the important world of soils and the principles that can be used to minimize the degradation and destruction of one of our most important natural resources. Fully updated in this edition, it includes the latest information on soil colloids; nutrient cycles and soil fertility; and soils and chemical pollution. This edition is filled with hundreds of new figures and photos and continues to use examples from many fields, including agriculture, forestry, and natural resources. Taking an ecological approach, it emphasizes how the soil system is interconnected and the principles behind each soil concept. Updated information in this edition includes: *Engineering properties of soils*Expanded treatment of soil quality, soil degradation and soil resilience*A new section on septic tank drain fields*Expanded section on irrigation management*A new section on wetlands and their poorly aerated soils

Chimica Industriale / Industrial Chemistry



Chun Hong M.

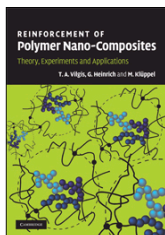
Design and Construction of Coordination Polymers

ril. 9780470294505 Lst 73,50 pagg. 410;

Wiley (01/06/2009)

Chimica Industriale / Industrial Chemistry

Coordination polymers are a growing, interdisciplinary field with numerous potential applications in chemistry and materials. Design and Construction of Coordination Polymers provides a comprehensive introduction to this field, focusing on synthetic strategies, structures, properties, and potential applications. Each chapter provides a unique perspective on coordination polymers, offering a dedicated approach as well as deeper insights on the most important facets of this interdisciplinary area



Vilgis T. A.

Reinforcement of Polymer Nano-Composites - Theory, Experiments and Applications

ril. 9780521874809 Lst 75 pagg. 224;

Cambridge U.P. (01/08/2009)

Chimica Industriale / Industrial Chemistry

Reinforced rubber allows the production of passenger car tires with improved rolling resistance and wet grip. This book provides in-depth coverage of the physics behind elastomer reinforcement, with a particular focus on the modification of polymer properties using active fillers such as carbon black and silica. The authors build a firm theoretical base through a detailed discussion of the physics of polymer chains and matrices before moving on to describe reinforcing fillers and their applications in the improvement of the mechanical properties of high-performance rubber materials.

Chimica Inorganica / Inorganic Chemistry



Crabtree R.H.

The Organometallic Chemistry of the Transition Metals 5/e

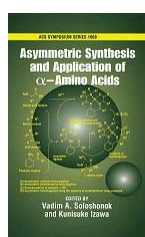
ril. 9780470257623 Lst 66,95 pagg. 1248;

Wiley (15/5/2009)

Chimica Inorganica / Inorganic Chemistry

Fully updated and expanded to reflect recent advances, this Fifth Edition of the classic text provides students and professional chemists with a comprehensive introduction to the principles and general properties of organometallic compounds, as well as including practical information on reaction mechanisms and detailed descriptions of contemporary applications. With increased focus on organic synthesis applications, nanoparticle science, and green chemistry, the Fifth Edition brings this vital resource up to date.

Chimica Organica / Organic Chemistry



Soloshonok V.A.

Asymmetric Synthesis and Application of alpha-Amino Acids

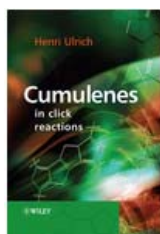
ACS Symposium Series

ril. 9780841269743 Lst 112,50 pagg. 504;

Oxford U.P. (01/09/2009)

Chimica Organica / Organic Chemistry

Asymmetric Synthesis and Application of alpha-Amino Acids contains 28 top-notch chapter-reviews on the most advanced methodological developments in the science of asymmetric synthesis of alpha-amino acids. Special emphasis is given to the catalytic asymmetric synthesis and industrial-scale synthesis of alpha-amino acids. The book has been designed to be a comprehensive snap-shot of current research activity in the field reviewed by internationally renowned experts from academic and industrial laboratories around the world. The general topics covered in the book include three major synthetic approaches: Stoichiometric; Catalytic and Enzymatic Approaches as well as two chapters by application of alpha-amino acids for total synthesis of complex natural compounds and one chapter on the currently most advanced approach in peptide synthesis. A substantial amount of the data reviewed in the book has never been published. In particular, cutting-age technology currently being used in industry for truly large-scale preparation of enantiomerically pure alpha-amino acids, summarized in the book, will give the reader unprecedented perspective on advanced synthetic methods which will shape the pharmaceutical market in the near future



Ulrich H.

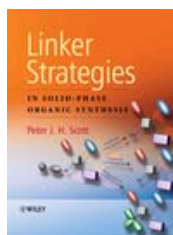
Cumulenes in Click Reactions

ril. 9780470779323 Lst 120 pagg. 512;

Wiley (01/10/2009)

Chimica Organica / Organic Chemistry

Cumulenes are organic molecules with two or more cumulative (consecutive) double bonds. Their reactions often proceed at room temperature, with or without a catalyst, and are stereospecific, giving the reaction products in high yields - features characteristic of 'click reactions'. "Cumulenes in Click Reactions" presents a comprehensive list of cumulene systems and their reactions, with an emphasis on their 'click-like' nature. The chapters are structured according to the number of carbon atoms in the system, including coverage of: introduction to the chemistry of cumulenes; one-carbon cumulenes: sulfines, sulfenes, thiocarbonyl S-imides, thiocarbonyl S-sulfides, and 1-aza-2-azoniaallene salts; and, two-carbon cumulenes: carbon oxides, carbon sulfides, carbon nitrides (isocyanates, isothiocyanates, and carbodiimides), phosphaaallenes, and diarsaaallenes 1,2-dicarbon cumulenes: ketenes, thioketenes, ketenimines, 1-silaallenes, 1-phosphaallenes, and other metal allenes 1,3-dicarbon cumulenes: thiocarbonyl S-ylides, 2-azaallium salts, 1-oxa-3-azoniabutatriene salts, 1-thia-3-azoniabutatriene salts, and phosphorous ylides 1,2,3-tricarbon cumulenes: allenes, butatrienes, higher cumulenes and heterobutatrienes



Scott P.

Linker Strategies in Solid-Phase Organic Synthesis

ril. 9780470511169 Lst 150 pagg. 680;

Wiley (01/10/2009)

Chimica Organica / Organic Chemistry

Linker design is an expanding field with an exciting future in state-of-the-art organic synthesis. Ever-increasing numbers of ambitious solution phase reactions are being adapted for solid-phase organic chemistry and to accommodate them, large numbers of sophisticated linker units have been developed and are now routinely employed in solid-phase synthesis. Linker Strategies in Solid-Phase Organic Synthesis guides the reader through the evolution of linker units from their genesis in solid-supported peptide chemistry to the cutting edge diversity linker units that are defining a new era of solid phase synthesis

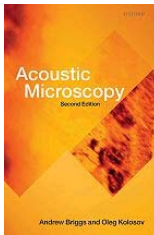
**The British Pharmacopoeia 2010**

ril. 9780113227990 Lst 830
TSO Stationery Office (01/08/2009)
Farmacologia / Pharmacology

The British Pharmacopoeia (BP) 2010 is the leading global collection of standards for UK medicinal products and pharmaceutical substances. The BP 2010 comprises four volumes of the BP 2010 and a single volume of the BP (Veterinary) 2010. The format of the BP 2010 has been developed to include NEW in-year updates, available online in January, April and July 2010.

INGEGNERIA / ENGINEERING

Fisica



Briggs

Acoustic Microscopy 2/e

Monographs on the Physics and Chemistry of Materials

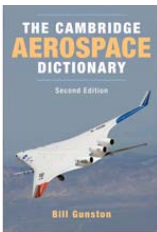
ril. 9780199232734 Lst 55 pagg. 376;

Oxford U.P. (01/08/2009)

Fisica

Acoustic microscopy enables the elastic properties of materials to be imaged and measured with the resolution of a good microscope. By using frequencies in the microwave regime, it is possible to make the acoustic wavelength comparable with the wavelength of light, and hence to achieve a resolution comparable with an optical microscope. Solids can support both longitudinal and transverse acoustic waves. At surfaces a unique combination of the two known as Raleigh waves can propagate, and in many circumstances these dominate the contrast in acoustic microscopy

Ingegneria Aerospaziale / Aerospace Engineering



Gunston B.

The Cambridge Aerospace Dictionary 2/e

Series: Cambridge Aerospace

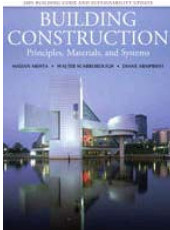
ril. 9780521191654 Lst 85 pagg. 816;

Cambridge U.P. (10/07/2009)

Ingegneria Aerospaziale / Aerospace Engineering

The Cambridge Aerospace Dictionary is an authoritative and accessible reference useful to scholars and enthusiasts alike. This dictionary is an essential tool for professionals involved in the aerospace industry and flight, and for anyone who must read and understand the technical literature of the aerospace industry and about specific air and space craft. It is also an ideal reference for engineering and physics students encountering a subject replete with technical jargon and acronyms.

Ingegneria Civile / Civil Engineering



Mehta M.

Building Construction Principles, Materials, & Systems 2009 UPDATE

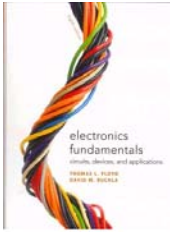
ril. 9780135064764 Eur 79,95 pagg. 1024;

Prentice Hall (01/06/2009)

Ingegneria Civile / Civil Engineering

The science of building construction and design is evolving more quickly than ever before. The "2009 Update" of this outstanding text builds on the previous version and incorporates the latest updates available. Written by an author team with decades of experience in architecture, building construction, engineering, and teaching, Building Construction: Principles, Materials & Systems 2009 Update is a comprehensive and fully illustrated introduction to construction methods and materials. Continuing on with the book's unique organization—Principles of Construction are covered in Part One and Materials and Systems of Construction are covered in Part Two—allows for complete coverage of both the basic principles and specific materials and systems of building construction.

Ingegneria Elettrica -Elettronica / Electrical -Electronic Engineering



Buchla D.

Electronics Fundamentals Circuits, Devices and Applications 8/e

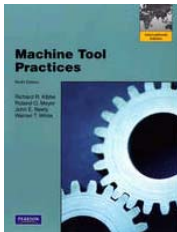
ril. 9780135072950 Eur 95,95 pagg. 992;

Prentice Hall (28/08/2009)

Ingegneria Elettrica -Elettronica / Electrical -Electronic Engineering

This renowned book offers a comprehensive yet practical exploration of basic electrical and electronic concepts, hands-on applications, and troubleshooting. Written in a clear and accessible narrative, the Seventh Edition focuses on fundamental principles and their applications to solving real circuit analysis problems, and devotes six chapters to examining electronic devices. Some key features include: "Symptom/Cause" problems, and exercises on Multisim circuits on CD-ROM. *Key terms glossary--Furnished at the end of each chapter. *Vivid illustrations. *Numerous examples in each chapter--Illustrate major concepts, theorems, and methods. This is a perfect reference for professionals with a career in electronics, engineering, technical sales, field service, industrial manufacturing, service shop repair, and/or technical writing

Ingegneria Meccanica / Mechanical Engineering



Kibbe R.R.

Machine Tool Practices 9/e International

ril. 9780137032853 Eur 70,95 pagg. 816;

Prentice Hall (28/08/2009)

Ingegneria Meccanica / Mechanical Engineering

This classic book features a richly illustrated, intensely visual treatment of basic machine tool technology and related subjects, including measurement and tools, reading drawings, mechanical hardware, hand tools, metallurgy, and the essentials of CNC. Covering introductory through advanced topics, Machine Tool Practices is formatted so that it may be used in a traditional lab-lecture program or a self-paced program. The book is divided into major sections that contain many instructional units. Each unit contains listed objectives, self tests with answers, and boxed material covering shop tips, safety, and new technologies. In this updated edition there are over 600 new photos and 1,500 revised line drawings

SCIENZA DELLA TERRA /EARTH SCIENCE

Ambiente / Environment



Keller R.P.

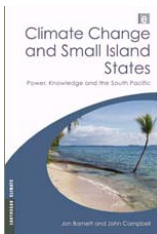
Bioeconomics of Invasive Species Integrating Ecology, Economics, Policy, and Management

ril. 9780195367980 Lst 54 br. 9780195367973 Lst 28,99 pagg. 312;

Oxford U.P. (01/08/2009)

Ambiente / Environment

Biological invasions are one of the strongest drivers of global environmental change, and invasive species are now often in the public discourse. At the same time, economists have begun to take a real interest in determining how invasive species interact with economic systems, and how invaders should be controlled to optimize societal welfare. Although the work from ecologists and economists have both greatly expanded our understanding of the drivers and impacts of invasions, little integration between the fields has occurred that would allow managers and policy-makers to identify the optimal expenditures on, for example, prevention and control of invasive species



Barnett J.

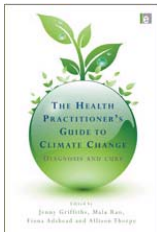
Climate Change and Small Island States - Power, Knowledge and the South Pacific

ril. 9781844074945 Lst 65 pagg. 192;

Earthscan Ltd. (01/09/2009)

Ambiente / Environment

This book is the first to apply a critical approach to climate change science and policy processes in the South Pacific region. It shows how groups within politically and scientifically powerful countries appropriate the issue of island vulnerability in ways that do not do justice to the lives of island people. It argues that the ways in which islands and their inhabitants are represented in climate science and politics seldom leads to meaningful responses to assist them to adapt to climate change. Throughout, the authors focus on the hitherto largely ignored social impacts of climate change, and demonstrate that adaptation and mitigation policies cannot be effective without understanding the social systems and values of island societies



Griffiths J.

The Health Practitioner's Guide to Climate Change - Diagnosis and Cure

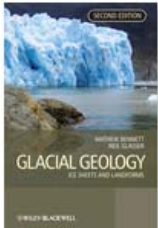
ril. 9781844077281 Lst 70 br. 9781844077298 Lst 18,99 pagg. 256;

Earthscan Ltd. (01/09/2009)

Ambiente / Environment

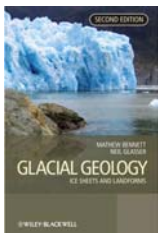
The first part of the book provides an introduction for health practitioners and students to climate change and its current and future health impacts. It describes the relationship between health and the environment, gives facts and figures on greenhouse gas emissions and sets out the huge benefits to health of acting on climate change. A wealth of examples make the issues real such as exploring the link between how car dependence and lack of exercise contribute both to obesity and related health problems and to excess carbon emissions. It brings together carefully-selected, authoritative material in an accessible format for readers from a health background or with an interest in health issues. The second part describes what health practitioners can do at home and at work and in their organizations, how to make health services sustainable, how to design healthy, sustainable communities and how to support action in communities, nationally and globally.

Geologia / Geology



Bennett M.M.
Glacial Geology: Ice Sheets and Landform 2/e
br. 9780470516911 Lst 29,95 pagg. 400;
Wiley-Blackwell (01/08/2009)
Geologia / Geology

The Second Edition is presented in the same clear and concise format as the First Edition, providing detailed explanations that are not cluttered with unnecessary detail. Additions include a new chapter on Glaciations around the Globe, demonstrating the range of glacial environments present on Earth today and a new chapter on Palaeogeology, explaining how glacial landforms and sediments are used in ice-sheet reconstructions. Like the original book, text boxes are used throughout to explain key concepts and to introduce students to case study material from the glacial literature. Newly updated sections on Further Reading are also included at the end of each chapter to point the reader towards key references. The book is illustrated throughout with colour photographs and illustrations



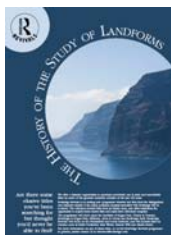
Bennett M.M.
Glacial Geology: Ice Sheets and Landforms 2/e
br. 9780470516911 Lst 29,95 pagg. 400;
Wiley-Blackwell (01/08/2009)
Geologia / Geology

The new Second Edition of Glacial Geology provides a modern, comprehensive summary of glacial geology and geomorphology. It has been thoroughly revised and updated from the original First Edition. This book will appeal to all students interested in the landforms and sediments that make up glacial landscapes. The aim of the book is to outline glacial landforms and sediments and to provide the reader with the tools required to interpret glacial landscapes. It describes how glaciers work and how the processes of glacial erosion and deposition which operate within them are recorded in the glacial landscape



Bull B.B.
Tectonically Active Landscapes
ril. 9781405190121 Lst 37,50 pagg. 320;
Wiley-Blackwell (01/04/2009)
Geologia / Geology

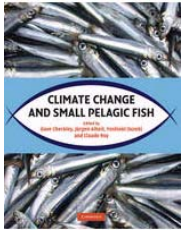
This book explores how mountainous landscapes respond to tectonic deformation. It integrates previously unpublished concepts and ideas with recent articles about hills and streams. Readers will learn which landforms change quickly in response to uplift, which parts of the landscape are slowest to adjust to tectonic perturbations, and which landform characteristics are most useful for describing tectonically active and inactive terrains.



Chorley R.J.
The History of the Study of Landforms - Or the Development of Geomorphology - 3 vols set
ril. 9780415563697 Lst 350 pagg. 2100;
Routledge (Taylor & Francis) (15/08/2009)
Geologia / Geology

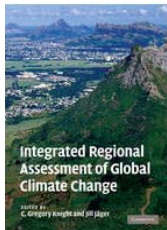
This Routledge Revivals set makes available for the first time as a collection the first three volumes of The History of the Study of Landforms or the Development of Geomorphology, the groundbreaking and definitive study in geomorphology compiled by Richard J. Chorley, Robert P. Beckinsale and Antony J. Dunn. Volume 1 (1964) dealt with contributions to the field up to 1890. Volume 2 (1973) dealt with the concepts and seminal contributions of William Morris Davis and Volume 3 (1991) treats historical and regional themes during the 'classic' period of geomorphology, between 1890 and 1950.

Metereologia / Meteorology



Checkley D.
Climate Change and Small Pelagic Fish
ril. 9780521884822 Lst 85 pagg. 408;
Cambridge U.P. (01/08/2009)
Metereologia / Meteorology

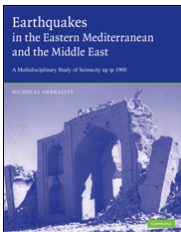
This book details the effects of climate variability on small pelagic fish and their ecosystems and fisheries. Particularly abundant in coastal upwelling regions off the west coasts of the Americas and Africa, off Japan, and in the NE Atlantic, the stocks of these fish fluctuate greatly over the timescale of decades, with large ecological and economic effects. This book describes the nature and cause of these fluctuations, and their consequences. It outlines results from paleo-oceanographic studies, showing that similar fluctuations have also occurred over the past two millennia. The potential effects of future climate change, both natural and anthropogenic, on stocks and fisheries, are considered.



Knight C.G.
Integrated Regional Assessment of Global Climate Change
ril. 9780521518109 Lst 70 pagg. 424;
Cambridge U.P. (01/09/2009)
Metereologia / Meteorology

Integrated Regional Assessment (IRA) promotes a better understanding of how regions contribute to global environmental change. This book provides a detailed treatment of the methodological challenges of IRA and a set of international examples illustrating the practice of such assessments at the regional scale. The first nine chapters address questions of scale, uncertainty, quantitative versus qualitative approaches, and particular conceptual frameworks for IRA evaluation. The next five chapters illustrate a range of IRA activities combining qualitative and quantitative approaches in innovative ways. The final five chapters review IRA as a process from an implementation perspective.

Vulcanologia

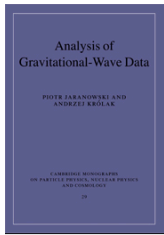


Ambraseys N.N.
Earthquakes in the Mediterranean and Middle East: A Multidisciplinary Study of Seismicity Upto 1900
On offer at £ 125.00 until 31 October 2009
ril. 9780521872928 Lst 150 pagg. 800;
Cambridge U.P. (01/09/2009)
Vulcanologia

This book examines historical evidence from the last 2000 years to analyse earthquakes in the eastern Mediterranean and Middle East. Early chapters review techniques of historical seismology, while the main body of the book comprises a catalogue of more than 4000 earthquakes identified from historical sources. Each event is supported by textual evidence extracted from primary sources and translated into English. Covering southern Rumania, Greece, Turkey, Lebanon, Israel, Egypt, Jordan, Syria, and Iraq, the book documents past seismic events, places them in a broad tectonic framework, and provides essential information for those attempting to prepare for, and mitigate the effects of, future earthquakes and tsunamis in these countries

SCIENZE FISICO-MATEMATICHE / MATHEMATICS AND

Fisica / Physics



Jaranowski P.

Analysis of Gravitational-Wave Data

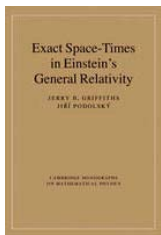
Series: *Cambridge Monographs on Particle Physics, Nuclear Physics & Cosmology*

ril. 9780521197076 Lst 70 pagg. 272;

Cambridge U.P. (01/09/2009)

Fisica / Physics

Research in this field has grown considerably in recent years due to the commissioning of a world-wide network of large-scale detectors. This network collects a very large amount of data that is currently being analyzed and interpreted. This book introduces researchers entering the field, and researchers currently analyzing the data, to the field of gravitational-wave data analysis. An ideal starting point for studying the issues related to current gravitational-wave research, the book contains detailed derivations of the basic formulae related to the detectors' responses and maximum-likelihood detection



Griffiths J.G

Exact Space-times in Einstein's General Relativity

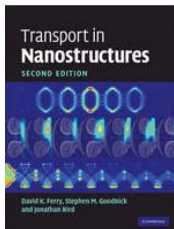
Series: *Cambridge Monographs on Mathematical Physics*

ril. 9780521889278 Lst 75 pagg. 540;

Cambridge U.P. (01/09/2009)

Fisica / Physics

Einstein's theory of general relativity is a theory of gravity and, as in the earlier Newtonian theory, much can be learnt about the character of gravitation and its effects by investigating particular idealised examples. This book describes the basic solutions of Einstein's equations with a particular emphasis on what they mean, both geometrically and physically. New concepts, such as big bang and big crunch-types of singularities, different kinds of horizons and gravitational waves, are described in the context of the particular space-times in which they naturally arise



Ferry D.K.

Transport in Nanostructures 2/e

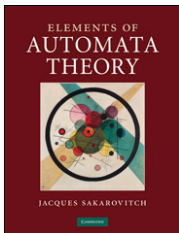
ril. 9780521877480 Lst 55 pagg. 704;

Cambridge U.P. (01/09/2009)

Fisica / Physics

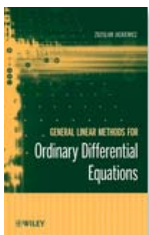
The advent of semiconductor structures whose characteristic dimensions are smaller than the mean free path of carriers has led to the development of novel devices, and advances in theoretical understanding of mesoscopic systems or nanostructures. This book has been thoroughly revised and provides a much-needed update on the very latest experimental research into mesoscopic devices and develops a detailed theoretical framework for understanding their behaviour. Beginning with the key observable phenomena in nanostructures, the authors describe quantum confined systems, transmission in nanostructures, quantum dots, and single electron phenomena

Matematica / Mathematics



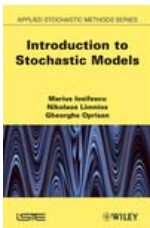
Sakarovitch J.
Elements of Automata Theory
ril. 9780521844253 Lst 90 pagg. 785;
Cambridge U.P. (01/09/2009)
Matematica / Mathematics

Automata theory lies at the foundation of computer science, and is vital to a theoretical understanding of how computers work and what constitutes formal methods. This treatise gives a rigorous account of the topic and illuminates its real meaning by looking at the subject in a variety of ways. The first part of the book is organised around notions of rationality and recognisability. The second part deals with relations between words realised by finite automata, which not only exemplifies the automata theory but also illustrates the variety of its methods and its fields of application.



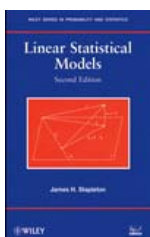
Jackiewicz Z.
General Linear Methods for Ordinary Differential Equations
ril. 9780470408551
Lst 76,95 pagg. 482;
Wiley (01/07/2009)
Matematica / Mathematics

General Linear Methods for Ordinary Differential Equations fills a gap in the existing literature by presenting a comprehensive and up-to-date collection of recent advances and developments in the field. This book provides modern coverage of the theory, construction, and implementation of both classical and modern general linear methods for solving ordinary differential equations as they apply to a variety of related areas, including mathematics, applied science, and engineering



Iosifescu M.
Introduction to Stochastic Models
ril. 9781848210578 Lst 66,95 pagg. 320;
Wiley (01/07/2009)
Matematica / Mathematics

This book provides a pedagogical examination of the way in which stochastic models are encountered in applied sciences and techniques such as physics, engineering, biology and genetics, economics and social sciences. It covers Markov and semi-Markov models, as well as their particular cases: Poisson, renewal processes, branching processes, Ehrenfest models, genetic models, optimal stopping, reliability, reservoir theory, storage models, and queuing systems. Given this comprehensive treatment of the subject, students and researchers in applied sciences, as well as anyone looking for an introduction to stochastic models, will find this title of invaluable use



Stapleton J.H.
Linear Statistical Models 2/e
ril. 9780470231463 Lst 76,95 pagg. 512;
Wiley (01/08/2009)
Matematica / Mathematics

Revised to reflect the current developments on the topic, Linear Statistical Models, Second Edition provides an up-to-date approach to various statistical model concepts. The book includes clear discussions that illustrate key concepts in an accessible and interesting format while incorporating the most modern software applications. This Second Edition follows an introduction-theorem-proof-examples format that allows for easier comprehension of how to use the methods and recognize the associated assumptions and limits. In addition to discussions on the methods of random vectors, multiple regression techniques, simultaneous confidence intervals, and analysis of frequency data, new topics such as mixed models and curve fitting of models have been added to thoroughly update and modernize the book

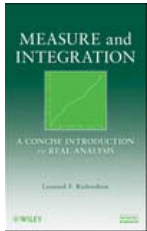


Gohberg I

Matrix Polynomials

Series: *Classics in Applied Mathematics*
br. 9780898716818 Lst 60 pagg. 435;
SIAM (10/07/2009)
Matematica / Mathematics

This book is the definitive treatment of the theory of polynomials in a complex variable with matrix coefficients. Basic matrix theory can be viewed as the study of the special case of polynomials of first degree; the theory developed in Matrix Polynomials is a natural extension of this case to polynomials of higher degree. It has applications in many areas, such as differential equations, systems theory, the Wiener–Hopf technique, mechanics and vibrations, and numerical analysis

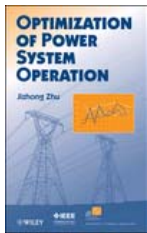


Richardson

Measure and Integration: A Concise Introduction to Real Analysis

ril. 9780470259542 Lst 60,50 pagg. 273;
Wiley (01/07/2009)
Matematica / Mathematics

Measure and Integration: A Concise Introduction to Real Analysis presents the basic concepts and methods that are important for successfully reading and understanding proofs. Blending coverage of both fundamental and specialized topics, this book serves as a practical and thorough introduction to measure and integration, while also facilitating a basic understanding of real analysis

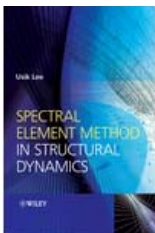


Zhu J.

Optimization of Power System Operation

ril. 9780470298886 Lst 96,95 pagg. 624;
Wiley (01/09/2009)
Matematica / Mathematics

Optimization of Power System Operation applies the latest applications of new technologies to power system operation and analysis, including several new and important content areas that are not covered in existing books: uncertainty analysis in power systems; steady-state security regions; optimal load shedding; and optimal reconfiguration of electric distribution networks



Lee U.

Spectral Element Method in Structural Dynamics

ril. 9780470823743 Lst 100 pagg. 480;
Wiley (01/09/2009)
Matematica / Mathematics

Spectral Element Method in Structural Dynamics is a concise and timely introduction to the spectral element method (SEM) as a means of solving problems in structural dynamics, wave propagations, and other related fields. The book consists of three key sections. In the first part, background knowledge is set up for the readers by reviewing previous work in the area and by providing the fundamentals for the spectral analysis of signals. In the second part, the theory of spectral element method is provided, focusing on how to formulate spectral element models and how to conduct spectral element analysis to obtain the dynamic responses in both frequency- and time-domains

SCIENZE NATURALI / NATURAL SCIENCE**Zoologia / Zoology**

Pourquié O.

The Skeletal Systemril. 9780879698256 Lst 65 pagg. 365;
Cold Spring Arbor Laboratory Press (01/06/2009)
Zoologia / Zoology

The thirteen chapters presented in this book summarize our current understanding of the development, biology, and evolution of the vertebrate skeleton. Written by experts in the field, chapters cover everything from the differentiation of chondrocytes, limb and craniofacial patterning, and the origins and evolution of bone to the genetics of human skeletal disease. It is a useful reference for scientists and clinicians wishing to learn how the skeleton is built and works.

Licosa
SansoniLibreria Commissionaria Sansoni
Via Duca di Calabria 1/1
50125 Firenze - Italia
fax: +39 055 641257
licosa.informa@licosa.com