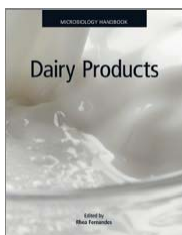


**AGRICOLTURA / AGRICULTURE****Scienza Degli Alimenti / Food Science**

Fernandes R.

**Microbiology Handbook - Meat Products 2/e**ril. 9781905224661 Lst 115 pagg. 312;  
Royal Society of Chemistry RSC (30/11/2009)  
*Scienza Degli Alimenti / Food Science*

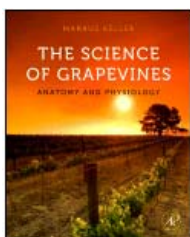
Animal flesh consumed as food is labelled 'meat'; it refers mainly to skeletal muscle and associated fat, but it may also refer to organs. As it has a high water and protein content, and contains other water-soluble constituents, it makes a suitable medium for growth of microorganisms. The animal itself, environment, and processing condition all have a bearing on the diversity of microflora of these products



Fernandes R.

**Microbiology Handbook: WITH "Dairy Products" AND "Fish and Seafood" AND "Meat"**ril. 9781847558565 Lst 299 pagg. 600;  
Royal Society of Chemistry RSC (30/11/2009)  
*Scienza Degli Alimenti / Food Science*

The Microbiology Handbook will provide a key resource exploring microbiological food safety issues in different sectors - Dairy Products, Fish and Seafood and Meat. Each of the three books has been thoroughly revised and will provide food microbiologists and scientists with an easy-to-use reference. Coverage includes: initial micro-flora along with sources of contamination; effects of processing on the survival and growth of micro-organisms; spoilage associated with these products; and hazards identified with the consumption of these products. Authored by international experts in the field, these books will prove invaluable to food safety personnel working in the industries covered.

**Viticultura / Viticulture**

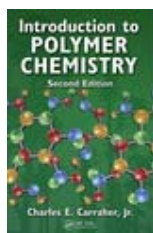
Keller M.

**THE SCIENCE OF GRAPEVINES: ANATOMY AND PHYSIOLOGY**ril. 9780123748812 Lst 84,99 pagg. 400;  
Academic Press (01/02/2010)  
*Viticultura / Viticulture*

Written by a recognized expert, and based on his experience in teaching the subject to students with a variety of educational backgrounds, The Science of Grapevines: Anatomy and Physiology is the only book to comprehensively explore the physiology of the grapevine as it occurs around the world. While other books have focused on the vines of specific regions, the globalization of the wine industry and the resulting increase of lands around the world being used for grapevine cultivation has left a gap in information. This book addresses not only the specific issues and concerns of grapevines from regions around the world, but includes important emerging topics such as global climate change, water relations, temperature effect and more

## CHIMICA / CHEMISTRY

### Chimica / Chemistry



Carraher C.E.

**Introduction to Polymer Chemistry 2/e**

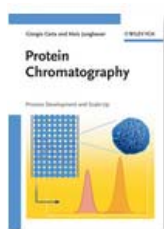
ril. 9781439809532 Lst 36,99 pagg. 534;

CRC Press (01/01/2010)

*Chimica / Chemistry*

The critically acclaimed first edition of this title provided undergraduate students with a much-needed, well-rounded presentation of the principles and applications of natural, synthetic, inorganic, and organic polymers. Continuing that tradition, this second edition also addresses environmental concerns and green polymeric materials, including biodegradable polymers and microorganisms for synthesizing materials. It covers synthesis and polymerization reactions, reactivities, techniques for characterization and analysis, energy absorption and thermal conductivity, physical and optical properties, and practical applications. The text also provides a test bank with answers for qualifying instructors

### Chimica Analitica / Analytic Chemistry



Carta G.

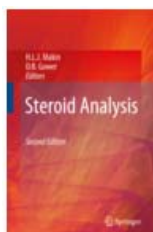
**Protein Chromatography: Process Development and Scale-Up**

ril. 9783527318193 Lst 85 pagg. 368;

Wiley (01/04/2010)

*Chimica Analitica / Analytic Chemistry*

With its focus on process development and large-scale bioseparation tasks, this is tailor-made reading for the professional bioengineer in both the biotech and pharmaceutical industries. Following a tried-and-tested concept, this guide has been developed over several years in training courses for biotech and chemical engineers in Europe and the U.S. The first part deals with the theory, introducing chromatography and its dynamics, as well as discussing mass transfer and dispersion effects. The second part then goes on to cover equipment and protocols, determining the retention factor and HETP from isocratic and elution experiments, as well as the mass transfer and intraparticle diffusivity from batch and shallow-bed adsorption experiments



Makin H.L.I.

**Steroid Analysis 2/e**

ril. 9781402097744 Eur 248,56 pagg. 1200;

Springer Verlag (01/01/2010)

*Chimica Analitica / Analytic Chemistry*

This comprehensive and up-to-date 2nd edition of the Steroid Analysis handbook, written by a team of distinguished experts from around the world concentrates on the analysis of steroids in biological fluids. This edition is based on the same format as the first, primarily dealing with analysis of low levels of steroid analytes in biological fluids, but including an extra chapter on pharmaceutical aspects of steroid analysis. Spectroscopic and other methods, including UV and IR absorption spectroscopy, NMR spectroscopy, mass spectrometry, X-ray diffraction, chromatography and immunoassay of steroids are treated in detail



Meyer V.

**Practical High-performance Liquid Chromatography, 5th Edition**

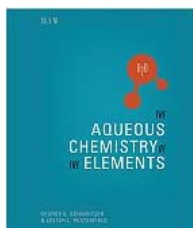
ril. 9780470682180 Lst 100 br. 9780470682173 Lst 42.50 pagg. 416;

Wiley (01/03/2010)

*Chimica Analitica / Analytic Chemistry*

This textbook aims to present the knowledge which is necessary for everyday HPLC measurements to be made, in a detailed and easy-to-follow manner. It contains a wealth of practical material and covers a wide range of subjects. Topics covered include principles, instrumentation, reverse-phase, ion-exchange, ion-pair, ion, size-exclusion and affinity chromatography, as well as analytical methods, preparative HPLC and enantiomeric separations. Appendices provide information on instrument testing, troubleshooting, column-packing

## Chimica Fisica / Physical Chemistry



Schweitzer G.K.

### **The Aqueous Chemistry of the Elements**

ril. 9780195393354 Lst 65 pagg. 336;

Oxford U.P. (01/02/2010)

*Chimica Fisica / Physical Chemistry*

Most fields of science, applied science, engineering, and technology deal with solutions in water. This volume is a comprehensive treatment of the aqueous solution chemistry of all the elements. The information on each element is centered around an E-pH diagram which is a novel aid to understanding. The contents are especially pertinent to agriculture, analytical chemistry, biochemistry, biology, biomedical science and engineering, chemical engineering, geochemistry, inorganic chemistry, environmental science and engineering, food science, materials science, mining engineering, metallurgy, nuclear science and engineering, nutrition, plant science, safety, and toxicology

## Chimica Organica / Organic Chemistry



Crews P.

### **Organic Structure Analysis 2/e**

ril. 9780195336047 Lst 85 pagg. 654;

Oxford U.P. (01/01/2010)

*Chimica Organica / Organic Chemistry*

The most up-to-date integrated spectroscopy text available, Organic Structure Analysis, Second Edition, is the only text that teaches students how to solve structures as they are solved in actual practice. Ideal for advanced undergraduate and graduate courses in organic structure analysis, organic structure identification, and organic spectroscopy, it emphasizes real applications--integrating theory as needed--and introduces students to the latest spectroscopic methods



Hartwig J.F.

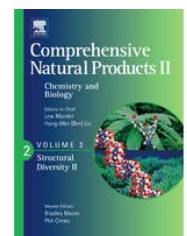
### **Organotransition Metal Chemistry: From Bonding to Catalysis**

ril. 9781891389535 Lst 58,99 pagg. 1100;

University Science Book (20/01/2010)

*Chimica Organica / Organic Chemistry*

Based on the best-selling classic text by James P. Collman, Louis S. Hegedus, Jack R. Norton, and Richard Finke, Principles and Applications of Organotransition Metal Chemistry, Hartwig's new text provides a comprehensive new update of this vital field. It covers the most important developments in the field over the last 20 years



Mander L.

### **Comprehensive Natural Products II: Chemistry and Biology -10 Vols Set**

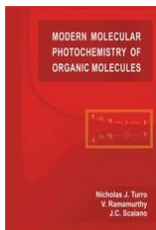
**Introductory Price Lst 2.395.= valido fino al 01/05/10**

ril. 9780080453811 Lst 2.995 pagg. 7388;

Elsevier Science Publishers (01/03/2010)

*Chimica Organica / Organic Chemistry*

This work presents a definitive interpretation of the current status of and future trends in natural products - a dynamic field at the intersection of chemistry and biology concerned with isolation, identification, structure elucidation, and chemical characteristics of naturally occurring compounds such as pheromones, carbohydrates, nucleic acids, and enzymes. With more than 1,800 color figures, "Comprehensive Natural Products II" features 100 per cent new material and complements rather than replaces the original work ((c)1999). It reviews the accumulated efforts of chemical and biological research to understand living organisms and their distinctive effects on health and medicine. It stimulates new ideas among the established natural products research community-which includes chemists, biochemists, biologists, botanists, and pharmacologists. It informs and inspires students and newcomers to the field with accessible content in a range of delivery formats.



Turro N.J.

**Modern Molecular Photochemistry of Organic Molecules**

ril. 9781891389252 Lst 48,99 pagg. 1100;

University Science Book (28/02/2010)

*Chimica Organica / Organic Chemistry*

A complete revision of Turro's classic text, *Modern Molecular Photochemistry*, which has been the standard of the field for three decades. It presents a clear introduction to organic chemistry and goes on to cover the mechanisms of organic photoreactions and the photochemistry of the basic functional groups of organic chemistry

**INFORMATICA / COMPUTER SCIENCE****Computer / Computer**

Comon P.

**Handbook of Blind Source Separation: Independent Component Analysis and Blind Deconvolution**

ril. 9780123747266 Lst 89,99 pagg. 816;

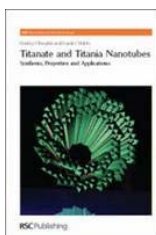
Academic Press (01/03/2010)

*Computer / Computer*

Edited by the people who were forerunners in creating the field, together with contributions from 34 leading international experts, this handbook provides the definitive reference on Blind Source Separation, giving a broad and comprehensive description of all the core principles and methods, numerical algorithms and major applications in the fields of telecommunications, biomedical engineering and audio, acoustic and speech processing. Going beyond a machine learning perspective, the book reflects recent results in signal processing and numerical analysis, and includes topics such as optimization criteria, mathematical tools, the design of numerical algorithms, convolutive mixtures, and time frequency approaches. This Handbook is an ideal reference for university researchers, R&D engineers and graduates wishing to learn the core principles, methods, algorithms, and applications of Blind Source Separation. It covers the principles and major techniques and methods in one book

## INGEGNERIA / ENGINEERING

### Ingegneria / Engineering



Bavykin

**Titanate and Titania Nanotubes Synthesis, Properties and Applications**

Series: RSC Nanoscience & Nanotechnology

ril. 9781847559104 pagg. 176;

Royal Society of Chemistry RSC (04/12/2009)

*Ingegneria / Engineering*

This exciting new book is a unique compilation of data from a wide range of chemical and spectroscopic instrumentation and the integration of nanostructure characterisation drawn from physical, chemical, electrochemical, spectroscopic and electron microscopic measurements. It documents the latest research from scientific journals and patent literature to provide a concise yet balanced and integrated treatment of an interesting topic: titanium oxide nanostructures within the emerging area of nanomaterials

### Ingegneria Civile / Civil Engineering



Bangash, M.Y.H.

**Earthquake Resistant Buildings Dynamic Analyses, Numerical Computations, Codified Methods, Case Studies and Examples**

ril. 9783540938170 Eur 362,96 pagg. 900;

Springer Verlag (17/03/2010)

*Ingegneria Civile / Civil Engineering*

This concise work provides a general introduction to the design of buildings which must be resistant to the effect of earthquakes. A major part of this design involves the building structure which has a primary role in preventing serious damage or structural collapse. Much of the material presented in this book examines building structures. Due to the recent discovery of vertical components, it examines not only the resistance to lateral forces but also analyses the disastrous influence of vertical components

### Ingegneria Dei Materiali / Materials Engineering



Yi, Xiaosu

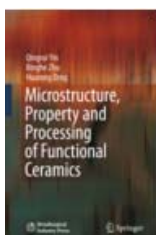
**Composite Materials Engineering 3 Vols**

ril. 9783642052620 Eur 622,96 pagg. 2900; illustrazioni: 1850;

Springer Verlag (01/04/2010)

*Ingegneria Dei Materiali / Materials Engineering*

In recent decades, composite materials have developed very rapidly and the applications continue to be of increasing importance. Composite Materials Engineering, the three-volume reference book, offers an integrated and completely up-to-date coverage on composite materials. Vol. 1 provides an introduction and the fundamentals of composite materials, covering reinforcements of composites, polymer matrix materials, textile composites, interfaces of composites and mechanics and the design of composites. Vol. 2 focuses on several important composite materials and provides detailed descriptions about the properties, the production technologies and the applications of these composite materials, including advanced polymer matrix composites, thermoplastic polymer matrix composites, metal matrix composites, etc. Vol. 3 mainly focuses on key points and know-how regarding the application of composite materials, including the design and analysis of composite structures, performance testing, characterization and quality control of composites. In the final chapter, there are overviews of several new types of composite materials as well as the recent development trends



Yin, Q.

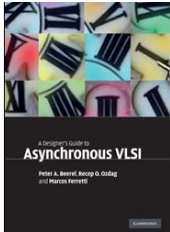
**Microstructure, Property and Processing of Functional Ceramics**

ril. 9783642016936 Eur 207,95 pagg. 212;

Springer Verlag (01/01/2010)

*Ingegneria Dei Materiali / Materials Engineering*

Microstructure, Property and Processing of Functional Ceramics describes the preparation, property and local structure microscopy of functional ceramics. It covers functional ceramic fabrication processing, grain boundary phenomena and micro-, nanoscale structures characterizations including scanning electron acoustic microscopy, scanning probe acoustic microscopy and piezoresponse force microscopy

**Ingegneria Elettrica -Elettronica / Electrical -Electronic Engineering**

Beerel P.A.

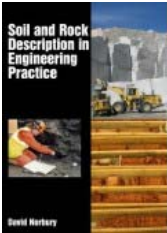
**A Designer's Guide to Asynchronous VLSI**

ril. 9780521872447 Lst 70 pagg. 352; illustrazioni: 278;

Cambridge U.P. (31/01/2010)

*Ingegneria Elettrica -Elettronica / Electrical -Electronic Engineering*

Create low power, higher performance circuits with shorter design times using this practical guide to asynchronous design. This practical alternative to conventional synchronous design enables performance close to full-custom designs with design times that approach commercially available ASIC standard cell flows. It includes design trade-offs, specific design examples, and end-of-chapter exercises. Emphasis throughout is placed on practical techniques and real-world applications, making this ideal for circuit design students interested in alternative design styles and system-on-chip circuits, as well as circuit designers in industry who need new solutions to old problems

**SCIENZA DELLA TERRA /EARTH SCIENCE****Scienza Della Terra /Earth Science**

Norbury D.

**Soil and Rock Description in Engineering Practice**

ril. 9781904445654 Lst 75 pagg. 228;

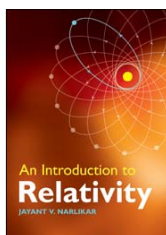
Whittles Publising (01/03/2010)

*Scienza Della Terra /Earth Science*

In ground investigation, the description of soils and rocks in engineering practice forms a major input to the field log. The log records the materials and strata seen in any sample, core or exposure and is a basic element of the factual information that underpins the entire understanding and interpretation of the ground conditions on site. The field log is also all that remains after the investigation is over and so has a life well beyond that of the investigation report.

## SCIENZE FISICO-MATEMATICHE / MATHEMATICS AND

### Astronomia / Astronomy



Narlikar J.V.

**An Introduction to Relativity**

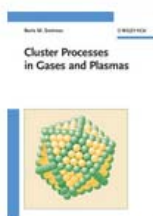
ril. 9780521514972 Lst 70 br. 9780521735612 Lst 30 pagg. 376;

Cambridge U.P. (31/01/2010)

*Astronomia / Astronomy*

General relativity is now an essential part of undergraduate and graduate courses in physics, astrophysics and applied mathematics. This simple, user-friendly introduction to relativity is ideal for a first course in the subject. Beginning with a comprehensive but simple review of special relativity, the book creates a framework from which to launch the ideas of general relativity. After describing the basic theory, it moves on to describe important applications to astrophysics, black hole physics, and cosmology. Several worked examples, and numerous figures and images, help students appreciate the underlying concepts.

### Fisica / Physics



Smirnov

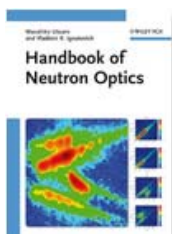
**Cluster Processes in Gases and Plasmas**

ril. 9783527409433 Lst 120 pagg. 442;

Wiley-Vch (01/10/2010)

*Fisica / Physics*

This reference on cluster physics in materials science draws upon the author's unrivalled experience in plasma science. He covers in detail electromagnetic effects, cluster motion and growth, as well as aerosols, providing the knowledge instrumental for an understanding of nanostructure formation. Around 400 case studies enable readers to directly relate the methods to their own individual tasks or projects



Utsuro M.

**Handbook of Neutron Optics**

ril. 9783527408856 Lst 155 pagg. 610;

Wiley-Vch (01/01/2010)

*Fisica / Physics*

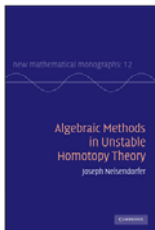
The present book introduces and develops mathematical techniques for the treatment of nonlinear waves and singular perturbation methods at a level that is suitable for graduate students, researchers and faculty throughout the natural sciences and engineering. The practice of implementing these techniques and their value are largely realized by showing their application to problems of nonlinear wave phenomena in electronic transport in solid state materials, especially bulk semiconductors and semiconductor superlattices. The authors are recognized leaders in this field, with more than 30 combined years of contributions

**Matematica / Mathematics**



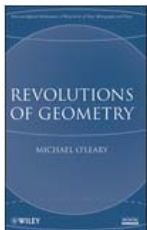
Bonilla L.L.  
**Nonlinear Wave Methods for Charge Transport**  
ril. 9783527406951 Lst 105 pagg. 287;  
Wiley-Vch (01/01/2010)  
*Matematica / Mathematics*

The present book introduces and develops mathematical techniques for the treatment of nonlinear waves and singular perturbation methods at a level that is suitable for graduate students, researchers and faculty throughout the natural sciences and engineering. The practice of implementing these techniques and their value are largely realized by showing their application to problems of nonlinear wave phenomena in electronic transport in solid state materials, especially bulk semiconductors and semiconductor superlattices. The authors are recognized leaders in this field, with more than 30 combined years of contributions



Neisendorfer J.  
**Algebraic Methods in Unstable Homotopy Theory**  
*Series: New Mathematical Monographs*  
ril. 9780521760379 Lst 75 pagg. 552;  
Cambridge U.P. (31/01/2010)  
*Matematica / Mathematics*

The most modern and thorough treatment of unstable homotopy theory available. The focus is on those methods from algebraic topology which are needed in the presentation of results, proven by Cohen, Moore, and the author, on the exponents of homotopy groups. The author introduces various aspects of unstable homotopy theory, including: homotopy groups with coefficients; localization and completion; the Hopf invariants of Hilton, James, and Toda; Samelson products; homotopy Bockstein spectral sequences; graded Lie algebras; differential homological algebra; and the exponent theorems concerning the homotopy groups of spheres and Moore spaces.



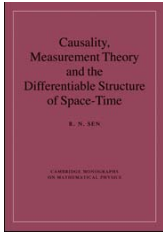
O'Leary M.  
**Revolutions of Geometry**  
ril. 9780470167557 Lst 76,95 pagg. 608;  
Wiley (01/02/2010)  
*Matematica / Mathematics -GEOMETRIA / GEOMETRY*

Guides readers through the development of geometry and basic proof writing using a historical approach to the topic. In an effort to fully appreciate the logic and structure of geometric proofs, *Revolutions of Geometry* places proofs into the context of geometry's history, helping readers to understand that proof writing is crucial to the job of a mathematician. Written for students and educators of mathematics alike, the book guides readers through the rich history and influential works, from ancient times to the present, behind the development of geometry. As a result, readers are successfully equipped with the necessary logic to develop a full understanding of geometric theorems



Paschos V.P.  
**Combinatorial Optimization - 3 Vols Set**  
ril. 9781848211469 Lst 167  
Wiley (01/02/2010)  
*Matematica / Mathematics*

Combinatorial optimization is a multidisciplinary scientific area, lying in the interface of three major domains: mathematics, theoretical computer science and management. The three volumes of the *Combinatorial Optimization* set aim to cover a wide range of topics in this area. These topics also deal with fundamental notions and approaches as with several classical applications of combinatorial optimization



Sen R.N.

**Causality, Measurement Theory and the Differentiable Structure of Space-Time***Series: Cambridge Monographs on Mathematical Physics*

ril. 9780521880541 Lst 75 pagg. 384;

Cambridge U.P. (31/01/2010)

*Matematica / Mathematics*

Introducing graduate students and researchers to mathematical physics, this book discusses two recent developments: the demonstration that causality can be defined on discrete space-times; and Sewell's measurement theory, in which the wave packet is reduced without recourse to the observer's conscious ego, nonlinearities or interaction with the rest of the universe. The definition of causality on a discrete space-time assumes that space-time is made up of geometrical points



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