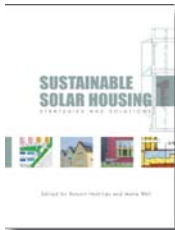


## ARCHITETTURA / ARCHITECTURE

### Costruzione Architettonica



Bokalders V.

**Sustainable Solar Housing - 2 Vols Set**

br. 9781844078011 Lst 60 pagg. 608;

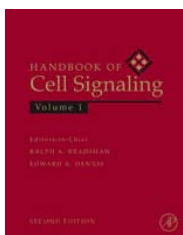
Earthscan Ltd. (01/10/2009)

*Costruzione Architettonica*

This far-reaching and authoritative two volume set examines a range of potential solutions for low-energy building design, considering different strategies (energy conservation and renewable energy) and technologies (relating to the building envelope, ventilation, heat delivery, heat production, heat storage, electricity and control). Energy and life-cycle impacts are considered as crucial factors, including passive and active solar use, daylighting and high efficiency conventional heat production.

## CHIMICA / CHEMISTRY

### Biochimica / Biochemistry



Bradshaw R.A.

**Handbook of Cell Signaling, 2/e - 3 Vols set**

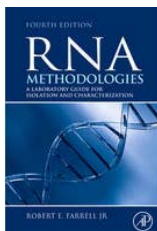
*Introductory price valid until 31.12.09 - Lst 245*

ril. 9780123741455 Lst 360

Academic Press (11/11/2009)

*Biochimica / Biochemistry*

The book contains over 350 chapters of comprehensive coverage on cell signaling. It includes discussion on topics from ligand/receptor interactions to organ/organism responses, and provides user-friendly, well-illustrated, reputable content by experts in the field. "Handbook of Cell Signaling, Three-Volume Set, 2e", is a comprehensive work covering all aspects of intracellular signal processing, including extra/intracellular membrane receptors, signal transduction, gene expression/translation, and cellular/organotypic signal responses. The second edition is an up-to-date, expanded reference with each section edited by a recognized expert in the field. Tabular and well illustrated, the Handbook will serve as an in-depth reference for this complex and evolving field. "Handbook of Cell Signaling, 2/e" will appeal to a broad, cross-disciplinary audience interested in the structure, biochemistry, molecular biology and pathology of cellular effectors



Farrell R.E.

**RNA METHODOLOGIES - Laboratory Guide for Isolation and Characterization 4/e**

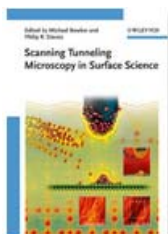
br. 9780123747273 Lst 76 pagg. 744;

Academic Press (06/11/2009)

*Biochimica / Biochemistry*

This is the fourth edition of the successful laboratory guide which has translated the rich story of riboneucleic acid for over fifteen years. "RNA Methodologies 4e" presents the latest collection of tested laboratory protocols for the isolation and characterization of eukaryotic and prokaryotic RNA with greater emphasis on transcript profiling, including quantification issues and elucidation of alternative transcription start sites. Collectively the chapters work together providing analysis with clear take-home lessons to assist researchers to understand RNA and to optimize time at the bench. The abundant use of flow charts, tables and graphs are especially helpful in the planning and implementation phases of a project and facilitate learning

### Chimica Analitica / Analytic Chemistry



Bowker M.

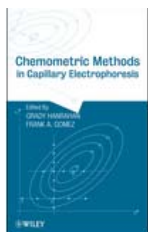
**Scanning Tunneling Microscopy in Surface Science**

ril. 9783527319824 Lst 105 pagg. 270;

Wiley-Vch (01/12/2009)

*Chimica Analitica / Analytic Chemistry*

Here, top international authors in the field of STM and surface science present first-class contributions on this hot topic, bringing the reader up to date with the latest developments in this rapidly advancing field. The focus is on the nanoscale, particularly in relation to catalysis, involving developments in our understanding of the nature of the surfaces of oxides and nanoparticulate materials, as well as adsorption, and includes in-situ studies of catalysis on such model materials



Hanrahan G.

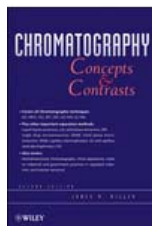
**Chemometric Methods in Capillary Electrophoresis**

ril. 9780470393291 Lst 66,95 pagg. 476;

Wiley (01/12/2009)

*Chimica Analitica / Analytic Chemistry*

For all its advantages, capillary electrophoresis (CE) also carries significant disadvantages for the researcher. Offering a unique blend of information from authors active in a variety of developments of chemometrics in CE, Chemometric Methods in Capillary Electrophoresis presents modern chemometric methods as an alternative to help alleviate the problems commonly encountered during routine analysis and method development



Miller J.M.

**Chromatography: Concepts and Contrasts 2/e**

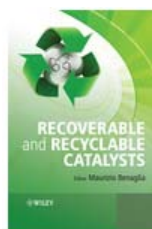
br: 9780470530252 Lst 60,50 pagg. 490;

Wiley (01/09/2009)

*Chimica Analitica / Analytic Chemistry*

The first edition of Chromatography: Concepts and Contrasts, published in 1988, was one of the first books to discuss all the different types of chromatography under one cover. The second edition continues with these principles but has been updated to include new chapters on sampling and sample preparation, capillary electrophoresis and capillary electrochromatography (CEC), chromatography with mass spec detection, and industrial and governmental practices in regulated industries

**Chimica Industriale / Industrial Chemistry**



Benaglia M.

**Recoverable and Recyclable Catalysts**

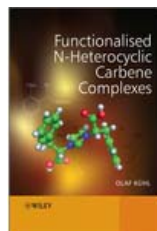
ril. 9780470681954 Lst 100 pagg. 500;

Wiley (01/09/2009)

*Chimica Industriale / Industrial Chemistry*

Drawing on international research, Recoverable and Recyclable Catalysts provides the essentials on recoverable and recyclable catalysts. This practical guide explores the general principles of catalyst recovery and recycling, catalysts on insoluble or soluble supports, thermoresponsive catalysts, self-supported catalysts, and more. Each chapter combines basic general principles, practical information on the design and synthesis of catalysts, and strategies for catalyst recovery. The book presents a comparison of several different catalytic systems. This textbook is essential for students who want to improve the efficiency and environmental acceptability of industrial processes

**Chimica Inorganica / Inorganic Chemistry**



Kuhl O.

**Functionalised N-Heterocyclic Carbene Complexes**

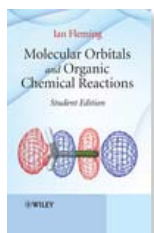
ril. 9780470712153 Lst 95 pagg. 328;

Wiley (01/12/2009)

*Chimica Inorganica / Inorganic Chemistry*

N-heterocyclic carbenes (NHCs) have found increasing use as reagents for a range of organic transformations and in asymmetric organocatalysis. The performance of these molecules can be improved and tuned by functionalisation. Functionalised carbenes can anchor free carbenes to the metal site, introduce hemilability, provide a means to immobilise transition metal carbene catalysts, introduce chirality, provide a chelate ligand or bridge two metal centres. NHC can be attached to carbohydrates and campher, derived from amino acids and purines, they can be used as organocatalysts mimicking vitamin B1 or as weak "solvent" donors in lanthanide chemistry

Chimica Organica / Organic Chemistry



Fleming I.

**Molecular Orbitals and Organic Chemical Reactions, Student Edition**

ril. 9780470746608 Lst 85 br. 9780470746592 Lst 34,95 pagg. 376;

Wiley (01/12/2009)

*Chimica Organica / Organic Chemistry*

Molecular orbital theory is used by chemists to describe the arrangement of electrons in chemical structures. It is also a theory capable of giving some insight into the forces involved in the making and breaking of chemical bonds—the chemical reactions that are often the focus of an organic chemist's interest. Organic chemists with a serious interest in understanding and explaining their work usually express their ideas in molecular orbital terms, so much so that it is now an essential component of every organic chemist's skills to have some acquaintance with molecular orbital theory



Larson G.L.

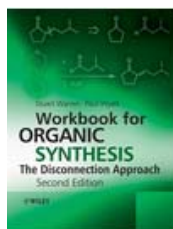
**Ionic and Organometallic-Catalyzed Organosilane Reductions**

br. 9780470547878 Lst 63,50 pagg. 768;

Wiley (01/12/2009)

*Chimica Organica / Organic Chemistry*

The exceptionally useful chemical-reducing properties of organosilicon hydrides have been known for more than half a century. Since the early discovery of these properties, interest in the use of organosilicon hydrides for the reduction of organic functional groups has increased steadily and has led to the development of many techniques for their deployment in chemo-, regio-, and stereoselective transformations in organic synthesis



Warren S.

**Workbook for Organic Synthesis: The Disconnection Approach 2/e**

ril. 9780470712276 Lst 80 br. 9780470712269 Lst 34,95 pagg. 280;

Wiley (01/11/2009)

*Chimica Organica / Organic Chemistry*

This workbook provides a comprehensive graded set of problems to illustrate and develop the themes of each of the chapters in the textbook Organic Synthesis: The Disconnection Approach, 2nd Edition. Each problem is followed by a fully explained solution and discussion. The examples extend the student's experience of the types of molecules being synthesised by organic chemists, and the strategies they employ to control their syntheses. By working through these examples students will develop their skills in analysing synthetic challenges, and build a toolkit of strategies for planning new syntheses

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

Takewaki I.

**Building Control with Passive Dampers: Optimal Performance-based Design for Earthquakes**

ril. 9780470824917 Lst 110 pagg. 320;

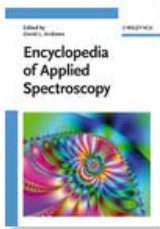
Wiley (01/10/2009)

*Ingegneria Elettrica -Elettronica / Electrical -Electronic Engineering*

The recent introduction of active and passive structural control methods has given structural designers powerful tools for performance-based design. However, structural engineers often lack the tools for the optimal selection and placement of such systems. In *Building Control with Passive Dampers*, Takewaki brings together most the reliable, state-of-the-art methods in practice around the world, arming readers with a real sense of how to address optimal selection and placement of passive control systems

## SCIENZE FISICO-MATEMATICHE / MATHEMATICS AND

### Fisica / Physics



Andrews D.L.

#### Encyclopedia of Applied Spectroscopy

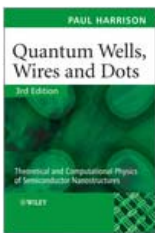
**Special price Lst 300.= valid until 31st december 2009**

ril. 9783527407736 Lst 365 pagg. 1224;

Wiley-Vch (01/09/2009)

Fisica / Physics

This latest comprehensive reference set on spectroscopy and spectrometers systematically covers the theory, hardware and applications. Edited by an author and scientist of international repute, this ready reference and handbook features color figures as well as abstracts and detailed tables of contents for easy access. A must-have for those applying spectroscopy in all branches of physics, chemistry and biology



Harrison P.

#### Quantum Wells, Wires and Dots: Theoretical and Computational Physics of Semiconductor Nanostructures 3/e

ril. 9780470770986 Lst 100 br. 9780470770979 Lst 39,95 pagg. 576;

Wiley (01/12/2009)

Fisica / Physics

As with the successful 2nd edition, Quantum Wells, Wires and Dots - 3rd Edition is aimed at providing all the essential information, both theoretical and computational, in order that the reader can, starting from essentially nothing, understand how the electronic, optical and transport properties of semiconductor heterostructures are calculated

### Matematica / Mathematics



Albrecher H.

#### Advanced Financial Modelling

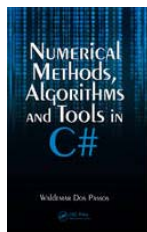
*Radon Series on Computational and Applied Mathematics*

ril. 9783110213133 Eur 109,95 pagg. 453;

De Gruyter (01/10/2009)

Matematica / Mathematics

This book is a collection of state-of-the-art surveys on various topics in mathematical finance, with an emphasis on recent modelling and computational approaches. The volume is related to a 'Special Semester on Stochastics with Emphasis on Finance' that took place from September to December 2008 at the Johann Radon Institute for Computational and Applied Mathematics of the Austrian Academy of Sciences in Linz, Austria



Dos Passos D.

#### Numerical Methods, Algorithms and Tools in C#

ril. 9780849374791 Lst 63,99 pagg. 600;

CRC Press (19/10/2009)

Matematica / Mathematics

Putting electrical engineers and mathematicians, as well as programmers, ahead of the curve, and making sure they can apply that advantage, this volume provides a broad collection of computational tools for the easy-to-learn and relatively new programming language of C#. Included is its powerful object-oriented-features along with its functionality in the Microsoft .NET programming environment. With working C# code and examples that can be adapted, the text focuses on practical computational methods that commonly arise in solving complex problems. The author includes case studies, fully worked problems, and examples to illustrate how software routines can be used in real-world applications

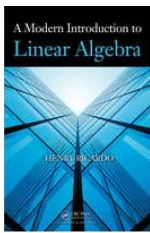


Mickey R.M.

**Applied Statistics: Analysis of Variance and Regression 3/e**

br. 9780470571255 Lst 60,50 pagg. 480;  
Wiley (01/12/2009)  
*Matematica / Mathematics*

This work has been thoughtfully designed so that it serves equally well as a reference for the practitioner and as a self-contained textbook for the advanced student. - Rewritten to maintain clarity and brevity while expanding the coverage of previous editions. - Changes to design-related topics include increased discussion of mixed models and random effects, greater emphasis on regression and data screening, and more use of graphs throughout. \* Includes both graded and challenging exercises.- Liberal computer discussions now supplemented with SAS and SPSS

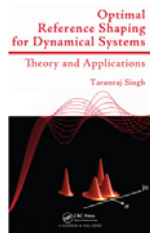


Ricardo H.

**A Modern Introduction to Linear Algebra**

ril. 9781439800409 Lst 49.99 pagg. 670;  
Chapman Hall/ CRC (23/10/2009)  
*Matematica / Mathematics*

Offers a matrix-oriented introduction to the essential concepts of linear algebra. This title develops key concepts in the context of Euclidean n-space, explains the theory of matrices, and explores the differences between finite- and infinite-dimensional vector spaces. It covers the algebra and matrix representation of linear transformations



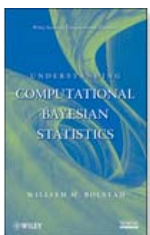
Singh T.

**Optimal Reference Shaping for Dynamical Systems: Theory and Applications**

ril. 9781439805626 Lst 63,99 pagg. 416;  
CRC Press (28/10/2009)  
*Matematica / Mathematics*

Focusing on feedforward control techniques, this book covers the various algorithms for attenuating residual oscillations that are excited by reference inputs to dynamical systems. It provides a presentation of the theory and numerical techniques used to shape control system inputs for achieving precise control when modeling uncertainties exist

**Statistica / Statistics**



Bolstad W.M.

**Understanding Computational Bayesian Statistics**

ril. 9780470046098 Lst 73,50 pagg. 336;  
Wiley (01/12/2009)  
*Statistica / Statistics*

Providing a solid grounding in statistics while uniquely covering the topics from a Bayesian perspective, Understanding Computational Bayesian Statistics successfully guides readers through this new, cutting-edge approach where inferences are based on random samples drawn from the posterior distribution. With its hands-on approach, step approach, the book shows readers how samples can be drawn from the posterior distribution when the formula giving its shape is all that is known, and how Bayesian inferences can be based on these samples from the posterior. These ideas are illustrated on common statistical models including the multiple linear regression model, the hierarchical mean model, the logistic regression model, and the proportional hazards model



Gibbons R.D.

**Statistical Methods for Groundwater Monitoring 2/e**

ril. 9780470164969 Lst 76,95 pagg. 374;

Wiley (01/11/2009)

*Statistica / Statistics*

A new edition of the most comprehensive overview of statistical methods for environmental monitoring applications Thoroughly updated to provide current research findings, Statistical Methods for Groundwater Monitoring, Second Edition continues to provide a comprehensive overview and accessible treatment of the statistical methods that are useful in the analysis of environmental data. This new edition expands focus on statistical comparison to regulatory standards that are a vital part of assessment, compliance, and corrective action monitoring in the environmental sciences

## SCIENZE NATURALI / NATURAL SCIENCE

### Botanica / Botany



CRIBB P.

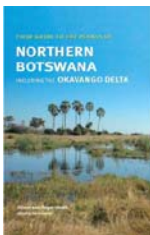
**Field Guide to the Orchids of Madagascar**

ril. 9781842461587 Lst pagg. 456; illustrazioni: 752;

ROYAL BOTANIC GARDENS Kew (01/10/2009)

*Botanica / Botany*

Madagascar is a world hot-spot for orchids. The largest family of flowering plants on the island, almost 1000 species make up some 10% of Madagascar's flora; 90% of them are endemic. They occur in almost every habitat, from coastal and montane forests to cold mountain tops and dry spiny forest. This field guide, the first of its kind for Madagascan orchids, will enable you to identify these showy, and often spectacular plants.



Heath A.

**Field Guide to the Plants of Northern Botswana Including the Okavango Delta**

ril. 9781842461839 Lst 69 pagg. 588;

ROYAL BOTANIC GARDENS Kew (01/11/2009)

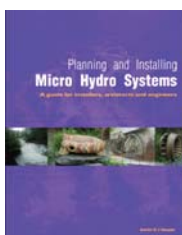
*Botanica / Botany*

Northern Botswana and surrounding regions boast a rich and scientifically important diversity of plants and animals, which attract large numbers of tourists and other visitors. This field guide includes over 500 flowering herbs, trees, shrubs, ferns, grasses, sedges and sedge-like plants, illustrated with over 2,000 colour photographs. For ease of use, plants are arranged by flower colour. Two detailed sections on grasses and sedges are ordered by inflorescence structure, then by family, genus and species. Key identifying features are listed, along with habitat, flowering period and uses and beliefs. A glossary is also provided

**TECNOLOGIA / TECHNOLOGY****Energetica / Energetics****Planning and Installing Solar Thermal Systems - A Guide for Installers, Architects and Engineers Written by the German Solar Energy Society (DGS) 2/e**

br. 9781844077601 Lst 95 pagg. 312;  
Earthscan Ltd. (01/10/2009)  
*Energetica / Energetics*

Solar thermal systems available today offer efficiency and reliability. They can be applied in different conditions to meet various requirements in the residential, commercial and industrial building sectors. The potential for this technology and the associated environmental benefits are significant



Harper G.D.J.

**Planning and Installing Micro Hydro Systems: A Guide for Installers, Architects and Engineers**

Series: *Planning and Installing Renewable Energy Systems*  
br. 9781844075386 Lst 95 pagg. 288;  
Earthscan Ltd. (01/11/2009)  
*Energetica / Energetics*

The renewable energy sector is growing at a remarkable rate, and whilst attention has so far focussed on solar and wind technologies, the UK and Europe have great potential for generating power from small scale hydroelectric installations. Micro-hydro refers to hydro power systems with a power rating of 100kW or less. A 100kW system will produce 100 standard units of electricity in one hour.



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