

ARCHITETTURA / ARCHITECTURE**Costruzione Architettonica**

Sommer H.

Project Management for Building Construction 35 Years of Innovation at Drees & Sommer

ril. 9783642108730 103,95 pagg. 176;

Lars Mueller Publishers (01/01/2010)

Costruzione Architettonica

Without professional project management, successful execution of major projects is no longer conceivable today. Very practice-oriented, and building on more than 35 years of innovation in the field of project management, this book outlines profiles of the most important market participants, the essential contents of the planning and construction process as well as the tasks of the project manager, his or her methods and tools.

Urbanistica

Idenburg F.

THE SANAA STUDIOS Learning from Japan - Single Story Urbanism

br. 9783037781906 29,90 pagg. 144; illustrazioni: 120;

Lars Mueller Publishers (01/11/2009)

Urbanistica

During three spring semesters between 2006 and 2008, Kazuyo Sejima and Ryue Nishizawa taught at the School of Architecture at Princeton University. The SANAA Studios explored Japan's contemporary society as a context for architecture and considered its particular perspective on space and the personal and the public realms. Design exercises were situated within the specific demographics and social variables of three distinct sites in Japan. This book captures the atmosphere in which the studios were conducted and registers some of the findings gained out of exploring the office, its methods and its context. By combining analyses, essays, documentation, and design proposals, it asks: What can we learn from SANAA? – and tries to frame SANAA's compassionate search for new architectures within a larger societal context.

CHIMICA / CHEMISTRY

Chimica / Chemistry



Bradshaw R.A.

Handbook of Cell Signaling 2/e - 3 Vols Set

ril. 9780123741455 Lst 245

Academic Press (01/11/2009)

Chimica / Chemistry

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

Chimica Industriale / Industrial Chemistry



Bart J.C.J

Biodiesel science and technology - From soil to oil

ril. 9781845695910 Lst 150 pagg. 500;

Woodhead Publishing Ltd (01/02/2010)

Chimica Industriale / Industrial Chemistry

Biodiesel production is a rapidly advancing field worldwide, with biodiesel fuel increasingly being used in compression ignition (diesel) engines. Biodiesel has been extensively studied and utilised in developed countries, and it is increasingly being introduced in developing countries, especially in regions with high potential for sustainable biodiesel production

INGEGNERIA / ENGINEERING**Ingegneria Dei Materiali / Materials Engineering**

Mallick P.K.

Materials, Design and Manufacturing for Lightweight Vehicles

ril. 9781845694630 Lst 125 pagg. 400;

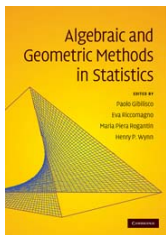
Woodhead Publishing Ltd (01/02/2009)

Ingegneria Dei Materiali / Materials Engineering

Research into the manufacture of lightweight automobiles is driven by the need to reduce fuel consumption to preserve dwindling hydrocarbon resources without compromising other attributes such as safety, performance, recyclability and cost. Materials, design and manufacturing for lightweight vehicles will make it easier for engineers to not only learn about the materials being considered for lightweight automobiles, but also to compare their characteristics and properties

SCIENZE FISICO-MATEMATICHE / MATHEMATICS AND

Algebra / Algebra



Gibilisco P.

Algebraic and Geometric Methods in Statistics

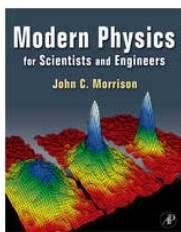
ril. 9780521896191 Lst 70 pagg. 382;

Cambridge U.P. (01/10/2009)

Algebra / Algebra

This up-to-date account of algebraic statistics and information geometry explores the emerging connections between the two disciplines, demonstrating how they can be used in design of experiments and how they benefit our understanding of statistical models, in particular, exponential models. This book presents a new way of approaching classical statistical problems and raises scientific questions that would never have been considered without the interaction of these two disciplines. Beginning with a brief introduction to each area, using simple illustrative examples, the book then proceeds with a collection of reviews and some new results written by leading researchers in their respective fields

Fisica / Physics



Morrison

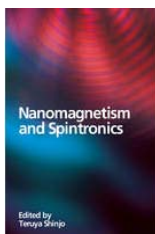
Modern Physics: for Scientists and Engineers

ril. 9780123751126 Lst 66,99 pagg. 488;

Academic Press (01/02/2010)

Fisica / Physics

Intended for a first course in modern physics, following an introductory course in physics with calculus, "Modern Physics for Scientists and Engineers" begins with a brief and focused account of the historical events leading to the formulation of modern quantum theory, while later chapters delve into the underlying physics. Streamlined content, chapters on semiconductors, Dirac Equation and Quantum Field Theory, and a robust pedagogy and ancillary package including an accompanying website with computer applets assists students in learning the essential material. This title develops modern quantum mechanical ideas systematically and uses these ideas consistently throughout the book. It carefully considers fundamental subjects such as transition probabilities, crystal structure, reciprocal lattices, and Bloch theorem which are fundamental to any treatment of lasers and semiconductor devices. It uses applets which make it possible to consider real physical systems such as many-electron atoms and semi-conductor devices



Shinjo T.

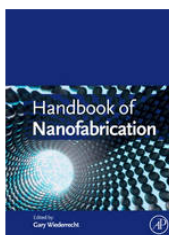
Nanomagnetism and Spintronics

ril. 9780444531148 Lst 69,99 pagg. 352;

Elsevier Science Publishers (01/09/2009)

Fisica / Physics

Spintronics is a newly developing area in the field of magnetism, where the interplay of magnetism and transport phenomena is studied experimentally and theoretically. This book introduces the recent progresses in the researches relating to spintronics from electronics to spintronics. Electron has not only charge but also spin. Spin current is the key word for future devices. How peculiar are nanostructured magnetic systems? What is GMRH: from discovery to applications (in case that GMR got the Nobel prize in 2007).



Wiederrecht G.

Handbook of Nanofabrication

ril. 9780123751768 Lst 95 pagg. 310;

Academic Press (01/11/2009)

Fisica / Physics

Many of the devices and systems used in modern industry are becoming progressively smaller and have reached the nanoscale domain. Nanofabrication aims at building nanoscale structures, which can act as components, devices, or systems, in large quantities at potentially low cost. Nanofabrication is vital to all nanotechnology fields, especially for the realization of nanotechnology that involves the traditional areas across engineering and science. This title includes chapters covering the most important Nanofabrication techniques, which aids comprehensive understanding of the latest manufacturing technologies encountered in the field of nano-level manufacturing which is essential for preparing for advanced study and application in nanofabrication techniques by enabling thorough understanding of the entire nanofabrication process as it applies to advanced electronic and related manufacturing technologies.

Matematica / Mathematics



Blower G.
Random Matrices: High Dimensional Phenomena
Series: London Mathematical Society Lecture Note Series
br. 9780521133128 Lst 38 pagg. 448;
Cambridge U.P. (01/10/2009)
Matematica / Mathematics

This book focuses on the behaviour of large random matrices. Standard results are covered, and the presentation emphasizes elementary operator theory and differential equations, so as to be accessible to graduate students and other non-experts. The introductory chapters review material on Lie groups and probability measures in a style suitable for applications in random matrix theory



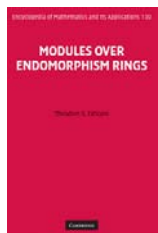
Cooper B.
Logic Colloquium 2006
Series: Lecture Notes in Logic
ril. 9780521110815 Lst 60 pagg. 384;
Cambridge U.P. (15/10/2009)
Matematica / Mathematics

The Annual European Meeting of the Association for Symbolic Logic, also known as the Logic Colloquium, is among the most prestigious annual meetings in the field. The current volume, with contributions from plenary speakers and selected special session speakers, contains both expository and research papers by some of the best logicians in the world. The most topical areas of current research are covered: valued fields, Hrushovski constructions (from model theory), algorithmic randomness, relative computability (from computability theory), strong forcing axioms and cardinal arithmetic, large cardinals and determinacy (from set theory), as well as foundational topics such as algebraic set theory, reverse mathematics, and unprovability



Cvetković D.
An Introduction to the Theory of Graph Spectra
Series: London Mathematical Society Student Texts
ril. 9780521118392 Lst 60 br. 9780521134088 Lst 24,99 pagg. 376;
Cambridge U.P. (01/10/2009)
Matematica / Mathematics

This introductory text explores the theory of graph spectra: a topic with applications across a wide range of subjects, including computer science, quantum chemistry and electrical engineering. The spectra examined here are those of the adjacency matrix, the Seidel matrix, the Laplacian, the normalized Laplacian and the signless Laplacian of a finite simple graph. The underlying theme of the book is the relation between the eigenvalues and structure of a graph.



Faticoni T.G.
Modules over Endomorphism Rings
Series: Encyclopedia of Mathematics and its Applications
ril. 9780521199605 Lst 70 pagg. 392;
Cambridge U.P. (01/10/0709)
Matematica / Mathematics

This is an extensive synthesis of recent work in the study of endomorphism rings and their modules, bringing together direct sum decompositions of modules, the class number of an algebraic number field, point set topological spaces, and classical noncommutative localization. The main idea behind the book is to study modules G over a ring R via their endomorphism ring $\text{End}R(G)$. The author discusses a wealth of results that classify G and $\text{End}R(G)$ via numerous properties, and in particular results from point set topology are used to provide a complete characterization of the direct sum decomposition properties of G . For graduate students this is a useful introduction, while the more experienced mathematician will discover that the book contains results that are not otherwise available

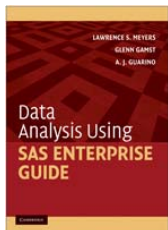


Lavenda B.H.

A New Perspective on Thermodynamics

ril. 9781441914293 Eur 103,95 pagg. 207;
Springer Verlag (01/02/2010)
Matematica / Mathematics

Dr. Bernard H. Lavenda has written A New Perspective on Thermodynamics to combine an old look at thermodynamics with a new foundation. The book presents a historical perspective, which unravels the current presentation of thermodynamics found in standard texts, and which emphasizes the fundamental role that Carnot played in the development of thermodynamics



Meyers L.S.

Data Analysis Using SAS Enterprise Guide

ril. 9780521112680 Lst 80 br. 9780521130073 Lst 33 pagg. 398; illustrazioni: 348;
Cambridge U.P. (01/10/2009)
Matematica / Mathematics

This book presents the basic procedures for utilizing SAS Enterprise Guide to analyze statistical data. SAS Enterprise Guide is a graphical user interface (point and click) to the main SAS application. Each chapter contains a brief conceptual overview and then guides the reader through concrete step-by-step examples to complete the analyses. The eleven sections of the book cover a wide range of statistical procedures including descriptive statistics, correlation and simple regression, t tests, one-way chi square, data transformations, multiple regression, analysis of variance, analysis of covariance, multivariate analysis of variance, factor analysis, and canonical correlation analysis.

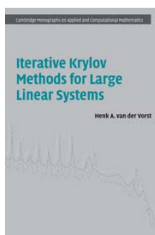


Pemmaraju S.

Computational Discrete Mathematics Combinatorics and Graph Theory with Mathematica®

br. 9780521121460 Lst 25,99 pagg. 496;
Cambridge U.P. (01/10/2009)
Matematica / Mathematics

This book was first published in 2003. Combinatorica, an extension to the popular computer algebra system Mathematica®, is the most comprehensive software available for teaching and research applications of discrete mathematics, particularly combinatorics and graph theory. This book is the definitive reference/user's guide to Combinatorica, with examples of all 450 Combinatorica functions in action, along with the associated mathematical and algorithmic theory.



van der Vorst H.A.

Iterative Krylov Methods for Large Linear Systems

Series: Cambridge Monographs on Applied and Computational Mathematics
br. 9780521183703 Lst 25 pagg. 236;
Cambridge U.P. (01/10/2009)
Matematica / Mathematics

Computational simulation of scientific phenomena and engineering problems often depends on solving linear systems with a large number of unknowns. This book gives insight into the construction of iterative methods for the solution of such systems and helps the reader to select the best solver for a given class of problems. The emphasis is on the main ideas and how they have led to efficient solvers such as CG, GMRES, and BI-CGSTAB. The author also explains the main concepts behind the construction of preconditioners. The reader is encouraged to gain experience by analysing numerous examples that illustrate how best to exploit the methods

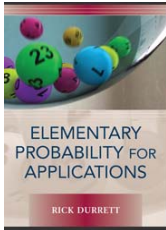


Yaglom I.M.

Geometric Transformations - Vol. 4: Circular Transformations

Series: New Mathematical Library
br. 9780883856482 Lst 30 pagg. 294;
Cambridge U.P. (01/10/2009)
Matematica / Mathematics

The familiar plane geometry of secondary school - figures composed of lines and circles - takes on a new life when viewed as the study of properties that are preserved by special groups of transformations. No longer is there a single, universal geometry: different sets of transformations of the plane correspond to intriguing, disparate geometries. This book is the concluding Part IV of Geometric Transformations, but it can be studied independently of Parts I, II, and III. The present Part IV develops the geometry of transformations of the plane that map circles to circles (conformal or anallagmatic geometry).

Scienze Fisico-Matematiche / Mathematics And Physics

Durrett R.

Elementary Probability for Applications

ril. 9780521867566 Lst 35 pagg. 254;

Cambridge U.P. (01/10/2009)

Scienze Fisico-Matematiche / Mathematics And Physics

This clear and lively introduction to probability theory concentrates on the results that are the most useful for applications, including combinatorial probability and Markov chains. Concise and focused, it is designed for a one-semester introductory course in probability for students who have some familiarity with basic calculus. Reflecting the author's philosophy that the best way to learn probability is to see it in action, there are more than 350 problems and 200 examples. The examples contain all the old standards such as the birthday problem and Monty Hall, but also include a number of applications not found in other books, from areas as broad ranging as genetics, sports, finance, and inventory management

TECNOLOGIA / TECHNOLOGY**Analisi Acque, Trattamento, Inquinamento / Water Analysis, Treatment, Pollution**

Goodship V.

Management, recycling and reuse of waste composites

ril. 9781845694623 Lst 160 pagg. 592;

Woodhead Publishing Ltd (01/01/2010)

Analisi Acque, Trattamento, Inquinamento / Water Analysis, Treatment, Pollution

This authoritative reference work provides a comprehensive review of the management, recycling and reuse of waste composites. These are issues which are of increasing importance due to the growing use of composites in many industries, increasingly strict legislation and concerns about disposal of composites by landfill or incineration

Tecnologia Degli Alimenti & Bevande / Food & Beverage Technology

Mena C.

Delivering performance in food supply chains

ril. 9781845694715 Lst 170 pagg. 700;

Woodhead Publishing Ltd (01/01/2010)

Tecnologia Degli Alimenti & Bevande / Food & Beverage Technology

Food and drink supply chains are complex, continually changing systems, involving many participants. They present stakeholders across the food and drinks industries with considerable challenges. Delivering performance in food supply chains offers expert perspectives to help practitioners and academics to improve their supply chain operations.



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