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UPPER INTERMEDIATE COURSE BOOK

IEEE STANDARD GLOSSARY OF SOFTWARE ENGINEERING TERMINOLOGY

Inst of Elect & Electronic

ENVIRONMENTAL ECONOMICS

THEORY AND POLICY IN EQUILIBRIUM

Springer Science & Business Media **This text provides an analysis and investigation of the most essential areas of environmental theory and policy, including international environmental problems. The approach is based on standard**

theoretical tools, in particular equilibrium analysis, and aims to demonstrate how economic principles can help to understand environmental issues and guide policymakers. Current topics including climate change, overfishing and integrated approaches to environmental policies are carefully analyzed in this framework, and a multitude of practical examples from various parts of the world is presented.

THE ENCYCLOPAEDIA BRITANNICA

A DICTIONARY OF ARTS, SCIENCES, LITERATURE AND GENERAL INFORMATION (VOLUME I) A TO ANDROPHAGI

Alpha Edition This book has been considered by academicians and scholars of great significance and value to literature. This forms a part of the knowledge base for future generations. So that the book is never forgotten we have represented this book in a print format as the same form as it was originally first published. Hence any marks or annotations seen are left intentionally to preserve its true nature.

NEO-NATIONALISM AND UNIVERSITIES

POPULISTS, AUTOCRATS, AND THE FUTURE OF HIGHER EDUCATION

JHU Press "This book offers the first significant examination of the rise of neo-nationalism and its impact on the missions, activities, behaviors, and productivity of leading national universities. This book also presents the first major comparative exploration of the role of national politics and norms in shaping the role of universities in nation-states, and vice versa, and discusses when universities are societal leaders or followers-in promoting a civil society, facilitating talent mobility, in researching challenging social problems, or in reinforcing and supporting an existing social and political order"--

TEXTILE MATERIALS FOR LIGHTWEIGHT CONSTRUCTIONS

TECHNOLOGIES - METHODS - MATERIALS - PROPERTIES

Springer In this book, experts on textile technologies convey both general and specific information on various aspects of textile engineering, ready-made technologies, and textile chemistry. They describe the entire process chain from fiber materials to various yarn constructions, 2D and 3D textile constructions, preforms, and interface layer design. In

addition, the authors introduce testing methods, shaping and simulation techniques for the characterization of and structural mechanics calculations on anisotropic, pliable high-performance textiles, including specific examples from the fields of fiber plastic composites, textile concrete and textile membranes. Readers will also be familiarized with the potential offered by increasingly employed textile structures, for instance in the fields of composite technology, construction technology, security technology and membrane technology.

NATURE-BASED SOLUTIONS TO CLIMATE CHANGE ADAPTATION IN URBAN AREAS

LINKAGES BETWEEN SCIENCE, POLICY AND PRACTICE

Springer This open access book brings together research findings and experiences from science, policy and practice to highlight and debate the importance of nature-based solutions to climate change adaptation in urban areas. Emphasis is given to the potential of nature-based approaches to create multiple-benefits for society. The expert contributions present recommendations for creating synergies between ongoing policy processes, scientific programmes and practical implementation of climate change and nature conservation measures in global urban areas. Except where otherwise noted, this book is licensed under a Creative Commons Attribution 4.0 International License. To view a copy of this license, visit <http://creativecommons.org/licenses/by/4.0/>

MANAGING AQUIFER RECHARGE

A SHOWCASE FOR RESILIENCE AND SUSTAINABILITY

UNESCO Publishing

FLOW CYTOMETRY AND CELL SORTING

Springer Science & Business Media The analysis and sorting of large numbers of cells with a fluorescence-activated cell sorter (FACS) was first achieved some 30 years ago. Since then, this technology has been rapidly developed and is used today in many laboratories. A Springer Lab Manual Review of the First Edition: "This is a most useful volume which will be a welcome addition for personal use and also for laboratories in a wide range of disciplines. Highly recommended." CYTOBIOS

ADOPTING CIRCULAR ECONOMY CURRENT PRACTICES AND FUTURE PERSPECTIVES

MDPI The development of a closed-loop cycle is a necessary condition so as to develop a circular economy model as an alternative to the linear model, in order to maintain the value of products and materials for as long as possible. For this motive, the definition of the value must be demonstrated for both the environment and the economy. The presence of these analyses should be associated with the social dimension and the human component. A strong cooperation between social and technical profiles is a new challenge for all researchers. End of life of products attract a lot of attention, and the final output could be the production of technologies suitable for managing this waste.

VEHICLE PROPULSION SYSTEMS

INTRODUCTION TO MODELING AND OPTIMIZATION

Springer Science & Business Media The authors of this text have written a comprehensive introduction to the modeling and optimization problems encountered when designing new propulsion systems for passenger cars. It is intended for persons interested in the analysis and optimization of vehicle propulsion systems. Its focus is on the control-oriented mathematical description of the physical processes and on the model-based optimization of the system structure and of the supervisory control algorithms.

COMPUTER ORGANIZATION AND DESIGN RISC-V EDITION

THE HARDWARE SOFTWARE INTERFACE

Morgan Kaufmann The new RISC-V Edition of Computer Organization and Design features the RISC-V open source instruction set architecture, the first open source architecture designed to be used in modern computing environments such as cloud computing, mobile devices, and other embedded systems. With the post-PC era now upon us, Computer Organization and Design moves forward to explore this generational change with examples, exercises, and material highlighting the emergence of mobile computing and the Cloud. Updated content featuring tablet computers, Cloud infrastructure, and the x86 (cloud computing) and ARM (mobile computing devices) architectures is included. An online companion Web site provides advanced content for further study, appendices, glossary, references, and recommended reading. Features RISC-V, the first such architecture designed to be used in modern computing environments, such as

cloud computing, mobile devices, and other embedded systems Includes relevant examples, exercises, and material highlighting the emergence of mobile computing and the cloud

MARITIME LOGISTICS

A GUIDE TO CONTEMPORARY SHIPPING AND PORT MANAGEMENT

Kogan Page Publishers Globalisation and the rapid increase in world trade in the past decade have contributed to greater demand for international transport and logistics and, consequently, the expansion of the maritime industry. The dramatic changes in the mode of world trade and cargo transportation make it more important than ever to have a clear understanding of the way in which freight is transported by sea and the role of ports in this exchange. At the cutting edge in its assessment of the industry, Maritime Logistics covers the whole scope of maritime logistics and examines latest logistical developments within the port and shipping industry. With a range of new international contributors, this new edition has been thoroughly revised and updated. There are new chapters on port centric logistics, hinterland logistics and global supply chains, maritime transport and logistics as a trade facilitator, and future trends and developments. Written by a team of international experts with over fifty years' experience in the field, Maritime Logistics provides a truly global perspective. The book covers everything that students of logistics, as well as those working within the industry, need to know about maritime logistics, including shipping lines, containers, tankers, dry bulk, port-centric logistics, and much more.

PRINCIPLES OF MODEL CHECKING

MIT Press A comprehensive introduction to the foundations of model checking, a fully automated technique for finding flaws in hardware and software; with extensive examples and both practical and theoretical exercises. Our growing dependence on increasingly complex computer and software systems necessitates the development of formalisms, techniques, and tools for assessing functional properties of these systems. One such technique that has emerged in the last twenty years is model checking, which systematically (and automatically) checks whether a model of a given system satisfies a desired property such as deadlock freedom, invariants, and request-response properties. This automated technique for verification and debugging has developed into a mature and widely used approach with many applications. Principles of Model Checking offers a comprehensive introduction to model checking that is not only a text suitable for classroom use but also a valuable reference for researchers and practitioners in the field. The book

begins with the basic principles for modeling concurrent and communicating systems, introduces different classes of properties (including safety and liveness), presents the notion of fairness, and provides automata-based algorithms for these properties. It introduces the temporal logics LTL and CTL, compares them, and covers algorithms for verifying these logics, discussing real-time systems as well as systems subject to random phenomena. Separate chapters treat such efficiency-improving techniques as abstraction and symbolic manipulation. The book includes an extensive set of examples (most of which run through several chapters) and a complete set of basic results accompanied by detailed proofs. Each chapter concludes with a summary, bibliographic notes, and an extensive list of exercises of both practical and theoretical nature.

PRESENTING SCIENCE CONCISELY

CABI Imagine you are a scientist faced with presenting your research clearly and concisely. Where would you go for help? This book provides the answer. It shows how to use story structure to craft clear, credible presentations. In it you will find exercises to help you give both short and long presentations. Elevator pitches, lightning talks, Three Minute Thesis (3MT®), and conference presentations are all covered as are suggestions for longer presentations. Separate chapters address good poster design, how to tailor your talk to an audience, and presentation skills. Throughout the book the focus is on creating surprising, memorable stories. Scientific presentations are true stories about new discoveries. They are surprising because every new discovery changes our understanding of the world, and memorable because they move audiences. With light-hearted illustrations by Jon Wagner this book will appeal to researchers and graduate students in all areas of science, and other disciplines too.

THE TAMING OF CHANCE

Cambridge University Press This book combines detailed scientific historical research with characteristic philosophic breadth and verve.

REFRIGERATION SYSTEMS AND APPLICATIONS

John Wiley & Sons The definitive text/reference for students, researchers and practicing engineers This book provides comprehensive coverage on refrigeration systems and applications, ranging from the fundamental principles of thermodynamics to food cooling applications for a wide range of sectoral utilizations. Energy and exergy analyses as

well as performance assessments through energy and exergy efficiencies and energetic and exergetic coefficients of performance are explored, and numerous analysis techniques, models, correlations and procedures are introduced with examples and case studies. There are specific sections allocated to environmental impact assessment and sustainable development studies. Also featured are discussions of important recent developments in the field, including those stemming from the author's pioneering research. Refrigeration is a uniquely positioned multi-disciplinary field encompassing mechanical, chemical, industrial and food engineering, as well as chemistry. Its wide-ranging applications mean that the industry plays a key role in national and international economies. And it continues to be an area of active research, much of it focusing on making the technology as environmentally friendly and sustainable as possible without compromising cost efficiency and effectiveness. This substantially updated and revised edition of the classic text/reference now features two new chapters devoted to renewable-energy-based integrated refrigeration systems and environmental impact/sustainability assessment. All examples and chapter-end problems have been updated as have conversion factors and the thermophysical properties of an array of materials. Provides a solid foundation in the fundamental principles and the practical applications of refrigeration technologies Examines fundamental aspects of thermodynamics, refrigerants, as well as energy and exergy analyses and energy and exergy based performance assessment criteria and approaches Introduces environmental impact assessment methods and sustainability evaluation of refrigeration systems and applications Covers basic and advanced (and hence integrated) refrigeration cycles and systems, as well as a range of novel applications Discusses crucial industrial, technical and operational problems, as well as new performance improvement techniques and tools for better design and analysis Features clear explanations, numerous chapter-end problems and worked-out examples Refrigeration Systems and Applications, Third Edition is an indispensable working resource for researchers and practitioners in the areas of Refrigeration and Air Conditioning. It is also an ideal textbook for graduate and senior undergraduate students in mechanical, chemical, biochemical, industrial and food engineering disciplines.

BOOKDOWN

AUTHORING BOOKS AND TECHNICAL DOCUMENTS WITH R MARKDOWN

CRC Press **bookdown: Authoring Books and Technical Documents with R Markdown** presents a much easier way to write books and technical publications than traditional tools such as LaTeX and Word. The bookdown package inherits the simplicity of syntax and flexibility for data analysis from R Markdown, and extends R Markdown for technical writing,

so that you can make better use of document elements such as figures, tables, equations, theorems, citations, and references. Similar to LaTeX, you can number and cross-reference these elements with bookdown. Your document can even include live examples so readers can interact with them while reading the book. The book can be rendered to multiple output formats, including LaTeX/PDF, HTML, EPUB, and Word, thus making it easy to put your documents online. The style and theme of these output formats can be customized. We used books and R primarily for examples in this book, but bookdown is not only for books or R. Most features introduced in this book also apply to other types of publications: journal papers, reports, dissertations, course handouts, study notes, and even novels. You do not have to use R, either. Other choices of computing languages include Python, C, C++, SQL, Bash, Stan, JavaScript, and so on, although R is best supported. You can also leave out computing, for example, to write a fiction. This book itself is an example of publishing with bookdown and R Markdown, and its source is fully available on GitHub.

THE ILLUSTRATED LONDON NEWS

PROCESS INTENSIFICATION

ENGINEERING FOR EFFICIENCY, SUSTAINABILITY AND FLEXIBILITY

Butterworth-Heinemann **Process Intensification: Engineering for Efficiency, Sustainability and Flexibility** is the first book to provide a practical working guide to understanding process intensification (PI) and developing successful PI solutions and applications in chemical process, civil, environmental, energy, pharmaceutical, biological, and biochemical systems. Process intensification is a chemical and process design approach that leads to substantially smaller, cleaner, safer, and more energy efficient process technology. It improves process flexibility, product quality, speed to market and inherent safety, with a reduced environmental footprint. This book represents a valuable resource for engineers working with leading-edge process technologies, and those involved research and development of chemical, process, environmental, pharmaceutical, and bioscience systems. No other reference covers both the technology and application of PI, addressing fundamentals, industry applications, and including a development and implementation guide Covers hot and high growth topics, including emission prevention, sustainable design, and pinch analysis World-class authors: Colin Ramshaw pioneered PI at ICI and is widely credited as the father of the technology

LANGUAGES OF THE WORLD

AN INTRODUCTION

Cambridge University Press **What do all human languages have in common and in what ways are they different? How can language be used to trace different peoples and their past? Are certain languages similar because of common descent or language contact? Assuming no prior knowledge of linguistics, this textbook introduces readers to the rich diversity of human languages, familiarizing students with the variety and typology of languages around the world. Linguistic terms and concepts are explained, in the text and in the glossary, and illustrated with simple, accessible examples. Eighteen language maps and numerous language family charts enable students to place a language geographically or genealogically. A supporting website includes additional language maps and sound recordings that can be used to illustrate the peculiarities of the sound systems of various languages. 'Test yourself' questions throughout the book make it easier for students to analyze data from unfamiliar languages.**

ETUDE MUSIC MAGAZINE

Includes music.

A PEOPLE'S HISTORY OF THE WORLD

FROM THE STONE AGE TO THE NEW MILLENNIUM

Verso Books **A new edition of the bestselling comprehensive history of the world from the perspective of struggling peoples throughout the ages—with a foreword by Howard Zinn From the earliest human societies to the Holy Roman Empire, from the Middle Ages to the Enlightenment, from the Industrial Revolution to the end of the twentieth century, Chris Harman provides a brilliant and comprehensive history of the human race. Eschewing the standard accounts of “Great Men,” of dates and kings, Harman offers a groundbreaking counter-history, a breathtaking sweep across the centuries in the tradition of “history from below.” In a fiery narrative, he shows how ordinary men and women were involved in creating and changing society and how conflict between classes was often at the core of these developments. While many scholars see the victory of capitalism as now safely secured, Harman explains the rise and fall of societies and civilizations throughout the ages and demonstrates that history moves ever onward in every age.**

This magisterial study is essential reading for anyone interested in how society has changed and developed and the possibilities for further radical progress. “I have had many people ask me if there is a book which does for world history what my book *A People’s History of the United States* does for this country. I always responded that I know of only one book that accomplishes this extremely difficult task, and that is Chris Harman’s *A People’s History of the World*.” —Howard Zinn

PROOFS OF A CONSPIRACY

[Library of Alexandria](#)

MANAGEMENT OF ENDOMETRIAL CANCER

[Springer](#) This practical reference book provides up-to-date, evidence-based multidisciplinary guidelines on the epidemiology, biology, diagnosis, and treatment of endometrial cancer. Individual chapters focus on topics such as hormonal interactions, cancer prevention, genetic classification and its clinical applications. Recent advances in diagnostic methods are described. The treatment-oriented chapters include coverage of the roles of lymphadenectomy and sentinel node dissection, surgical complications, radiation techniques, and chemotherapy in early-stage disease. Treatment options in advanced disease, including hormonal therapy and targeted therapy, are considered separately, as is the management of rare tumor types. The authors are international key opinion leaders. Summaries of the ESMO/ESGO/ESTRO guidelines on management are included. Each clinical chapter ends with a summary of recommendations with the level of evidence.

THE FINGERPRINT

SOURCEBOOK

[CreateSpace](#) The idea of *The Fingerprint Sourcebook* originated during a meeting in April 2002. Individuals representing the fingerprint, academic, and scientific communities met in Chicago, Illinois, for a day and a half to discuss the state of fingerprint identification with a view toward the challenges raised by Daubert issues. The meeting was a joint project between the International Association for Identification (IAI) and West Virginia University (WVU). One recommendation that came out of that meeting was a suggestion to create a sourcebook for friction ridge examiners,

that is, a single source of researched information regarding the subject. This sourcebook would provide educational, training, and research information for the international scientific community.

WORLD POPULATION TO 2300

United Nations Publications **Based on the 2002 Revision, the Population Division has adopted 2 major innovations for this new set of long-range population projections. For the first time the long-range projections are made at the national level and the time horizon for the projections is extended to 2300.**

TECHNICAL THERMODYNAMICS: THE THEORY OF VAPORS

Wentworth Press **This work has been selected by scholars as being culturally important, and is part of the knowledge base of civilization as we know it. This work was reproduced from the original artifact, and remains as true to the original work as possible. Therefore, you will see the original copyright references, library stamps (as most of these works have been housed in our most important libraries around the world), and other notations in the work. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. As a reproduction of a historical artifact, this work may contain missing or blurred pages, poor pictures, errant marks, etc. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.**

THE ORIGINS OF THE WORLD'S MYTHOLOGIES

Oxford University Press **Michael Witzel persuasively demonstrates the prehistoric origins of most of the mythologies of Eurasia and the Americas ('Laurasia').**

ELECTRONIC COMMUNICATION ACROSS THE CURRICULUM

National Council of Teachers **This collection of 24 essays explores what happens when proponents of writing across the curriculum (WAC) use the latest computer-mediated tools and techniques--including e-mail, asynchronous learning networks, MOOs, and the World Wide Web--to expand and enrich their teaching practices, especially the teaching of**

writing. Essays and their authors are: (1) "Using Computers to Expand the Role of Writing Centers" (Muriel Harris); (2) "Writing across the Curriculum Encounters Asynchronous Learning Networks" (Gail E. Hawisher and Michael A. Pemberton); (3) "Building a Writing-Intensive Multimedia Curriculum" (Mary E. Hocks and Daniele Bascelli); (4) "Communication across the Curriculum and Institutional Culture" (Mike Palmquist; Kate Kiefer; Donald E. Zimmerman); (5) "Creating a Community of Teachers and Tutors" (Joe Essid and Dona J. Hickey); (6) "From Case to Virtual Case: A Journey in Experiential Learning" (Peter M. Saunders); (7) "Composing Human-Computer Interfaces across the Curriculum in Engineering Schools" (Stuart A. Selber and Bill Karis); (8) "InterQuest: Designing a Communication-Intensive Web-Based Course" (Scott A. Chadwick and Jon Dorbolo); (9) "Teacher Training: A Blueprint for Action Using the World Wide Web" (Todd Taylor); (10) "Accommodation and Resistance on (the Color) Line: Black Writers Meet White Artists on the Internet" (Teresa M. Redd); (11) "International E-mail Debate" (Linda K. Shamon); (12) "E-mail in an Interdisciplinary Context" (Dennis A. Lynch); (13) "Creativity, Collaboration, and Computers" (Margaret Portillo and Gail Summerskill Cummins); (14) "COLlaboratory: MOOs, Museums, and Mentors" (Margit Misangyi Watts and Michael Bertsch); (15) "Weaving Guilford's Web" (Michael B. Strickland and Robert M. Whitnell); (16) "Pig Tales: Literature inside the Pen of Electronic Writing" (Katherine M. Fischer); (17) "E-Journals: Writing to Learn in the Literature Classroom" (Paula Gillespie); (18) "E-mailing Biology: Facing the Biochallenge" (Deborah M. Langsam and Kathleen Blake Yancey); (19) "Computer-Supported Collaboration in an Accounting Class" (Carol F. Venable and Gretchen N. Vik); (20) "Electronic Tools to Redesign a Marketing Course" (Randall S. Hansen); (21) Network Discussions for Teaching Western Civilization" (Maryanne Felter and Daniel F. Schultz); (22) "Math Learning through Electronic Journaling" (Robert Wolfe); (23) "Electronic Communities in Philosophy Classrooms" (Gary L. Hardcastle and Valerie Gray Hardcastle); and (24) "Electronic Conferencing in an Interdisciplinary Humanities Course" (Mary Ann Krajnik Crawford; Kathleen Geissler; M. Rini Hughes; Jeffrey Miller). A glossary and an index are included. (NKA)

SUSTAINABILITY IN A DIGITAL WORLD

NEW OPPORTUNITIES THROUGH NEW TECHNOLOGIES

Springer This book offers a comprehensive introduction to the different emerging concepts in the innovative area of sustainability and digital technology. More than 20 leading thinkers from the fields of digitalization, strategic management, sustainability and organizational development share clearly structured insights on the latest developments, advances and remaining challenges concerning the role of sustainability in an increasingly digital

world. The authors not only introduce a profound and unique analysis on the state-of-the art of sustainability and digital transformation, but also provide business leaders with practical advice on how to apply the latest management thinking to their daily business decisions. Further, a number of significant case studies exemplify the issues discussed and serve as valuable blueprints for decision makers.

FUNDAMENTAL LAWS OF THERMODYNAMICS, THEORY OF GASES

TRANSFORMING LEARNING WITH MEANINGFUL TECHNOLOGIES

14TH EUROPEAN CONFERENCE ON TECHNOLOGY ENHANCED LEARNING, EC-TEL 2019, DELFT, THE NETHERLANDS, SEPTEMBER 16-19, 2019, PROCEEDINGS

[Springer Nature](#) This book constitutes the proceedings of the 14th European Conference on Technology Enhanced Learning, EC-TEL 2019, held in Delft, The Netherlands, in September 2019. The 41 research papers and 50 demo and poster papers presented in this volume were carefully reviewed and selected from 149 submissions. The contributions reflect the debate around the role of and challenges for cutting-edge 21st century meaningful technologies and advances such as artificial intelligence and robots, augmented reality and ubiquitous computing technologies and at the same time connecting them to different pedagogical approaches, types of learning settings, and application domains that can benefit from such technologies.

THE WRITING REVOLUTION

CUNEIFORM TO THE INTERNET

[John Wiley & Sons](#) In a world of rapid technological advancements, it can be easy to forget that writing is the original Information Technology, created to transcend the limitations of human memory and to defy time and space. The Writing Revolution picks apart the development of this communication tool to show how it has conquered the world. Explores how writing has liberated the world, making possible everything from complex bureaucracy, literature, and science, to instruction manuals and love letters Draws on an engaging range of examples, from the first cuneiform clay tablet, Egyptian hieroglyphs, and Japanese syllabaries, to the printing press and the text messaging Weaves together ideas from a number of fields, including history, cultural studies and archaeology, as well as linguistics and literature,

to create an interdisciplinary volume Traces the origins of each of the world's major written traditions, along with their applications, adaptations, and cultural influences

CHEMOMETRICS

STATISTICS AND COMPUTER APPLICATION IN ANALYTICAL CHEMISTRY

John Wiley & Sons The third edition of this long-selling introductory textbook and ready reference covers all pertinent topics, from basic statistics via modeling and databases right up to the latest regulatory issues. The experienced and internationally recognized author, Matthias Otto, introduces the statistical-mathematical evaluation of chemical measurements, especially analytical ones, going on to provide a modern approach to signal processing, designing and optimizing experiments, pattern recognition and classification, as well as modeling simple and nonlinear relationships. Analytical databases are equally covered as are applications of multiway analysis, artificial intelligence, fuzzy theory, neural networks, and genetic algorithms. The new edition has 10% new content to cover such recent developments as orthogonal signal correction and new data exchange formats, tree based classification and regression, independent component analysis, ensemble methods and neuro-fuzzy systems. It still retains, however, the proven features from previous editions: worked examples, questions and problems, additional information and brief explanations in the margin.

ATOMIC LAYER DEPOSITION FOR SEMICONDUCTORS

Springer Science & Business Media Offering thorough coverage of atomic layer deposition (ALD), this book moves from basic chemistry of ALD and modeling of processes to examine ALD in memory, logic devices and machines. Reviews history, operating principles and ALD processes for each device.

SMELL AND TASTE DISORDERS

Cambridge University Press This is a comprehensive and unique text that details the latest research on smell and taste disorders for use by clinicians and scientists.

THE CREST OF THE PEACOCK

NON-EUROPEAN ROOTS OF MATHEMATICS

Penguin Group USA Examines the early developments and uses of mathematics in such places as Egypt, Mesopotamia, China, and India

SELECTED PAPERS FROM XVI MANAPRO AND XI ECMNP

MDPI The oceans harbor the majority of the Earth's biodiversity. Marine organisms/microorganisms provide a diverse array of natural products, which are important sources of biologically active agents with unique chemical structures and a broad range of medical and biotechnological applications. The XVI MaNaPro and XI ECMNP conferences aim to present advances and future perspectives on marine natural product research to the scientific community by gathering scientists who work in marine chemistry and related scientific fields from all over the world and at different seniority levels. This Special Issue was organized on the occasion of the 2nd joint XVI MaNaPro and XI ECMNP meeting (<http://wmnp2019.ipleiria.pt/>) held in Peniche, Portugal, in 2019. It comprises 12 original research articles that exemplify research performed in the scope of the conference topics.

OH, SCRAP!

FABULOUS QUILTS THAT MAKE THE MOST OF YOUR STASH

Martingale Want to be a scrap quilter? Great! Want to think like a scrap quilter? Learn from a master! Lissa Alexander has spent three decades honing her scrap-quilting talents, and in her first solo book, she offers page after page of tips for making dazzling scrap quilts bursting with colors, prints, and textures. Learn Lissa's secrets for deciding which fabric combinations work (and understanding why others don't). Best of all, with a dozen patterns to choose from you'll discover how to (finally!) use your unique stash to make scrap quilts that sing. Includes a preface by renowned quilt historian Barbara Brackman.
