Rice Chemistry and Technology, Fourth Edition, is a new, fully revised update on the very popular previous edition published by the AACC International Press. The book covers rice growth, development, breeding, grain structure, phylogenetics, rice starch, proteins and lipids. Additional sections cover rice as a food product, health aspects, and quality analysis from a cooking and sensory science perspective. Final chapters discuss advances in the technology of rice, with extensive coverage of post-harvest technology, biotechnology and genomic research for rice grain quality. With a new, internationally recognized editor, this new edition will be of interest to academics researching all aspects of rice, from breeding, to usage. The book is essential reading for those tasked with the development of new products. Identifies the nutrition and health benefits of rice Covers the growing and harvesting of rice crops Includes the use of rice and byproducts beyond food staple Explains rice chemistries, including sections on starch, protein and lipids Contains contributions from a world leading editorial team who bring together experts from across the field Contains six new chapters focusing on rice quality

Now fully revised and updated, this classic text offers an illustrated and critical narrative introduction to the history of Africa from earliest times to the present. Beginning with the evolution of mankind itself, the book traces the history of Africa through the millennia of the ancient world to the centuries of medieval and modern Africa. The clear and simple language and the wealth of carefully chosen maps and photos combine to make an essential and accessible text.

The essential text for all healthcare professionals wanting a complete, up-to-date practical reference book on medicine in Africa.

Air transport industry finance, with its complexity and special needs such as route rights, airport slots, aircraft leasing options and frequent flyer programmes, requires specific knowledge. While there are numerous financial management and corporate finance texts available, few of these provide explanations for the singularities of the airline industry with worked examples drawn directly from the industry itself. Revised and updated in its third edition, this internationally renowned and respected book provides the essentials to understanding all areas of airline finance. Designed to address each of the distinct areas of financial management in an air transport industry context, it also shows how these fit together, while each chapter and topic provides a detailed resource which can be also consulted separately. Supported at each stage by practical airline examples, it examines the financial trends and prospects for the airline industry as a whole, contrasting the developments for the major regions and airlines. Important techniques in financial analysis are applied to the airline industry, together with critical discussion of key issues. Thoroughly amended and updated throughout, the third edition reflects the many developments that have affected the industry since 2001. It features several important new topics, including Low Cost Carriers (LCCs), fuel hedging and US Chapter 11 provisions. The sections on financial statements and privatisation have been expanded, and a new chapter has been added on equity finance and IPOs. New case studies have been added, as well as the latest available financial data. The range and perspective is even greater than before, with significant expansion of material specific to the US and Asia. The book is a key resource for students of airline management, and a sophisticated and authoritative guide for analysts in financial institutions and consultancies, executives in airlines and related industries, and civil aviation departments.

This third edition builds on the international success of previous editions, offering an easy
This text provides a brief yet comprehensive overview of a number of non-Western approaches to educational thought and practice. Its premise is that understanding the ways that other people educate their children—as well as what counts for them as “education”—may help us think more clearly about some of our own assumptions and values, and to become more open to alternative viewpoints about important educational matters. The value of this informative, mind-opening text for preservice and in-service teacher education courses is enhanced by "Questions for Discussion and Reflection" and "Recommended Further Readings" included in each chapter. New in the Third Edition: *Chapter 2, "Conceptualizing Culture:" ‘I, We, and The Others,’ is new to this edition. It is a response to feedback about the problems inherent in our general discourse about “culture,” and in addition provides an example of a culture that is near to us but nevertheless alien-the culture of the Deaf-World. *Chapter 9—which deals with Islam and traditional Muslim education—has been substantially revised. *The subtitle of the Third Edition has been changed to Indigenous Approaches to Educational Thought and Practice, reflecting not so much a change in the emphases found in the book, but rather, a recognition of the growing scholarly interest in indigenous peoples, their languages, cultures, and histories. *Various points throughout the text have been expanded and clarified, and chapters have been updated as needed.

First published in 1993, The Ultimate Cigar Book has become a classic in its field, and is generally credited with having helped launch the current cigar smoking craze. It has been reprinted numerous times in the United States, and is now sold worldwide. No other book contains as much detailed and factual information on virtually every facet of cigar making and cigar smoking. And now this trendsetting been has been revised in this fourth edition for the aficionado of the future! Forget 1492. This book starts out in B.C. (Before Columbus) and transports the cigar enthusiast on a fun and fact-filled adventure into virtually every realm of today’s popular and growing cigar smoking pastime. Written by one of the most knowledgeable and internationally-celebrated pipe and cigar authors of our time, Richard Carleton Hacker’s well-known wit and wisdom will keep the reader enthralled with every turn of the page, as he takes you on an information-packed world tour of cigars. Starting off with a history of cigar smoking, the author then shows us how cigars are made today (handmade, handrolled, and machine made), divulges the secrets of finding the “perfect” cigar, and discusses the ritual of smoking and how to properly care for and store our cigars. From there the book lists a number of innovative cigar accessories, suggests which beers, wines, whiskies, brandies, and cognacs go with what cigars, enlightens us with a chapter on cigar smoking celebrities, and concludes with the world’s first International Compendium of virtually every cigar brand known today, complete with histories and observations on taste.
according to the author’s HPH (Highly Prejudiced Hacker-Scale) ratings. If that was not enough, there is even a dictionary of CigarSpeak! The Ultimate Cigar Book is the most comprehensive, factual, and up-to-date book for the cigar smoker or for those who just want to learn more about the fascinating and popular world of cigar smoking.

Business Process Change, 3rd Edition provides a balanced view of the field of business process change. Bestselling author Paul Harmon offers concepts, methods, cases for all aspects and phases of successful business process improvement. Updated and added for this edition is new material on the development of business models and business process architecture development, on integrating decision management models and business rules, on service processes and on dynamic case management, and on integrating various approaches in a broad business process management approach. New to this edition: How to develop business models and business process architecture How to integrate decision management models and business rules New material on service processes and on dynamic case management Learn how to integrate various approaches in a broad business process management approach Extensive revision and update addresses Business Process Management Systems, and the integration of process redesign and Six Sigma Learn how all the different process elements fit together in this best first book on business process, now completely updated Tailor the presented methodology, which is based on best practices, to your organization’s specific needs Understand the human aspects of process redesign Benefit from all new detailed case studies showing how these methods are implemented.

Since the publication of the first edition in 1977, Africa has established itself as a leading resource for teaching, business, and scholarship. This fourth edition has been completely revised and focuses on the dynamism and diversity of contemporary Africa. The volume emphasizes contemporary culture–civil and social issues, art, religion, and the political scene– and provides an overview of significant themes that bear on Africa's place in the world. Historically grounded, Africa provides a comprehensive view of the ways that African women and men have constructed their lives and engaged in collective activities at the local, national, and global levels.

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Updated in its 4th edition, The African Experience is the only interdisciplinary survey to examine this region of the world from geographic, linguistic, social, historical, and political perspectives. Drawing on research from all of the social sciences, this text captures Africa in its complex totality. The African Experience helps readers develop a comprehensive and critical understanding of Africa, one that allows them to grasp the region’s internal dynamics and its evolving place in the world.

Black Authors and Illustrators of Books for Children and Young Adults is a biographical dictionary that provides comprehensive coverage of all major authors and illustrators – past and present. As the only reference volume of its kind available, this book is a valuable research tool that provides quick access for anyone studying black children’s literature – whether one is a student, a librarian charged with maintaining a children’s literature collection, or a scholar of children’s literature. The Fourth Edition of this renowned reference work illuminates African American contributions to children’s literature and books for young adults. The new edition contains updated and new information for existing author/illustrator entries, the addition of approximately 50 new profiles, and a new section listing online resources of interest to the authors and readers of black children’s literature.

An Introduction to African Politics is the ideal textbook for those new to the study of this vast and fascinating continent. It makes sense of the diverse political systems that are a feature of Africa by using familiar concepts, chapter by chapter, to examine the continent as a whole. The result is a textbook that identifies the essential features of African politics, allowing students to grasp the recurring political patterns that have dominated this part of the world since independence. Features and benefits of the book include: * thematically organised, with individual chapters exploring issues such as colonialism, ethnicity, nationalism, social class, ideology, legitimacy, sovereignty, and democracy * identifies the key recurrent theme of competitive relationships between the African state, its civil society, and external interests * contains useful boxed case studies of key countries at the end of each chapter, including: Kenya; Tanzania; Nigeria; Botswana; Ivory Coast; Uganda; Somalia; Ghana; Zaire; and Algeria * each chapter concludes with key terms and definitions as well as questions, advice on further reading, and useful notes and references * clearly and accessibly written by an experienced teacher of the subject.
The essential reference of clinical virology is one of the most dynamic and rapidly changing fields of clinical medicine. For example, sequencing techniques from human specimens have identified numerous new members of several virus families, including new polyomaviruses, orthomyxoviruses, and bunyaviruses. Clinical Virology, Fourth Edition, has been extensively revised and updated to incorporate the latest developments and relevant research. Chapters written by internationally recognized experts cover novel viruses, pathogenesis, epidemiology, diagnosis, treatment, and prevention, organized into two major sections: Section 1 provides information regarding broad topics in virology, including immune responses, vaccinology, laboratory diagnosis, principles of antiviral therapy, and detailed considerations of important organ system manifestations and syndromes caused by viral infections. Section 2 provides overviews of specific etiologic agents and discusses their biology, epidemiology, pathogenesis of disease causation, clinical manifestations, laboratory diagnosis, and management. Clinical Virology provides the critical information scientists and health care professionals require about all aspects of this rapidly evolving field.

Updated in its 4th edition, The African Experience is the only interdisciplinary survey to examine this region of the world from geographic, linguistic, social, historical, and political perspectives. Drawing on research from all of the social sciences, this text captures Africa in its complex totality. The African Experience helps readers develop a comprehensive and critical understanding of Africa, one that allows them to grasp the regions internal dynamics and its evolving place in the world.

Wine Science, Third Edition, covers the three pillars of wine science—grape culture, wine production, and sensory evaluation. It takes readers on a scientific tour into the world of wine by detailing the latest discoveries in this exciting industry. From grape anatomy to wine and health, this book includes coverage of material not found in other enology or viticulture texts including details on cork and oak, specialized wine making procedures, and historical origins of procedures. Author Ronald Jackson uniquely breaks down sophisticated techniques, allowing the reader to easily understand wine science processes. This updated edition covers the chemistry of red wine color, origin of grape varieties, wine language, significance of color and other biasing factors to wine perception, various meanings and significance of wine oxidation. It includes significant additional coverage on brandy and ice wine production as well as new illustrations and color photos. This book is recommended for grape growers, fermentation technologists; students of enology and viticulture, enologists, and viticulturalists.

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Development of the Nervous System, Second Edition has been thoroughly revised and updated since the publication of the First Edition. It presents a broad outline of neural development principles as exemplified by key experiments and observations from past and recent times. The text is organized along a development pathway from the induction of the neural primordium to the emergence of behavior. It covers all the major topics including the patterning and growth of the nervous system, neuronal determination, axonal navigation and targeting, synapse formation and plasticity, and neuronal survival and death. This new text reflects the complete modernization of the field achieved through the use of model organisms and the intensive application of molecular and genetic approaches. The original, artist-rendered drawings from the First Edition have all been redone and colorized so that the entire text is in full color. This new edition is an excellent textbook for undergraduate and graduate level students in courses such as Neuroscience, Medicine, Psychology, Biochemistry, Pharmacology, and Developmental Biology. Updates information including all the new developments made in the field since the first edition. Now in full color throughout, with the original, artist-rendered drawings from the first edition completely redone, revised, colorized, and updated.

Rabies is the most current and comprehensive account of one of the oldest diseases known that remains a significant public health threat despite the efforts of many who have endeavored to control it in wildlife and domestic animals. During the past five years since publication of the first edition there have been new developments in many areas on the rabies landscape. This edition takes on a more global perspective with many new authors offering fresh outlooks on each topic. Clinical features of rabies in humans and animals are discussed as well as basic science aspects, molecular biology, pathology, and pathogenesis of this disease. Current methods used in defining geographic origins and animal species infected in wildlife are presented, along with diagnostic methods for identifying the strain of virus based on its genomic sequence and antigenic structure. This multidisciplinary account is essential for
The Adolescent Experience places the college student at the very heart of the book. The authors engage in a dialogue with the reader that is warm, caring, and often humorous as they write and share material about this time of life. The authors emphasize the role that development and society play in the lives of young people. The book has a solid research basis with a historical and multicultural focus. But most important, the book is practical and applied with the strongest prevention/health promotion material available in any basic undergraduate adolescent psychology text currently on the market. 

Key Features: * Focuses on health promotion and illness prevention * Provides not only a U.S. but also a much needed Canadian perspective to this life stage * Involves students as participants in a long-standing inquiry into the nature of adolescence as they are introduced to the latest research in the field * Provides students with the latest practical information in subject areas like sexuality, drugs and alcohol, suicide and depression, eating disorders, crime, delinquency,
and violent behavior * List server links student and/or instructor to authors * Explores the uniqueness of North America's multi-culturalism * Illustrates important concepts using literature and social history to make them tangible to students

New edition of successful textbook surveying international human rights in an age of terrorism.

"Biogeochemistry considers how the basic chemical conditions of the Earth—from atmosphere to soil to seawater—have been and are being affected by the existence of life. Human activities in particular, from the rapid consumption of resources to the destruction of the rainforests and the expansion of smog-covered cities, are leading to rapid changes in the basic chemistry of the Earth. This expansive text pulls together the numerous fields of study encompassed by biogeochemistry to analyze the increasing demands of the growing human population on limited resources and the resulting changes in the planet's chemical makeup. The book helps students extrapolate small-scale examples to the global level, and also discusses the instrumentation being used by NASA and its role in studies of global change. With extensive cross-referencing of chapters, figures and tables, and an interdisciplinary coverage of the topic at hand, this updated edition provides an excellent framework for courses examining global change and environmental chemistry, and is also a useful self-study guide."—Publisher's website.

The World and a Very Small Place in Africa is a fascinating look at how contacts with the wider world have affected how people have lived in Niumi, a small and little-known region at the mouth of West Africa's Gambia River, for over a thousand years. Drawing on archives, oral traditions and published works, Donald R. Wright connects world history with real people on a local level through an exploration of how global events have affected life in Niumi. Thoroughly revised and updated throughout, this new edition rests on recent thinking in globalization theory, reflects the latest historiography and has been extended to the present day through discussion of the final years of Gambian President Yahya Jammeh's regime, the role of global forces in the events of the 2016 presidential elections and the changes that resulted from these elections. The book is supported throughout by photographs, maps and Perspectives boxes that present detailed information on such topics as Alex Haley's Roots (set in Niumi), why Gambians take the risky “back way” to reach Europe, or "Wiri-Wiri," the Senegalese soap that has Gambians' attention. Written in a clear and personal style and taking a critical yet sensitive approach, it remains an essential resource for students and scholars of African history, particularly those interested in the impact of globalization on the lives of real people.

Save yourself and your students hours of research time. Now extensively revised and expanded, "The History Highway" is widely recognized as the one essential tool for students, teachers and researchers seeking a reliable guide to history sites on the web. "The History Highway" offers the broadest, most current coverage of the astonishing amount of historical information available on the Internet, providing detailed, easy-to-use, and up-to-date information on more than 3000 web sites; covers U.S. and World history and all sub-fields; features ten new chapters, with coverage of futurism, environmental history, immigration history, and Mediterranean and Middle Eastern history; all sites have been thoroughly checked by specialists in the relevant field of history; the best sites in each field are clearly identified; hard cover and paperback editions include a CD of the entire contents with live links to sites; and e-book version with live links to sites is in preparation.

A History of Africa is a thorough narrative history of the continent from its beginnings to the twenty-first century. Long established at the forefront of African Studies, this book addresses the events of the 1990s and beyond. The issues discussed include: post-apartheid South Africa the prospects for democratization in Africa at the beginning of the new millennium developments in Muslim North Africa including the threat of Islamic fundamentalism economic and social developments including the devastating impact of Third World debt and the provision of debt relief cultural, environmental and gender issues in modern Africa.

The discipline of instrumentation has grown appreciably in recent years because of advances in sensor technology and in the interconnectivity of sensors, computers and control systems. This 4e of the Instrumentation Reference Book embraces the equipment and systems used to detect, track and store data related to physical, chemical, electrical, thermal and mechanical properties of materials, systems and operations. While traditionally a key area within mechanical and industrial engineering, understanding this greater and more complex use of sensing and monitoring controls and systems is essential for a wide variety of engineering areas—from manufacturing to chemical processing to aerospace operations to even the everyday automobile. In turn, this has meant that the automation of manufacturing, process industries, and even building and infrastructure construction has been improved dramatically. And now
with remote wireless instrumentation, heretofore inaccessible or widely dispersed operations and procedures can be automatically monitored and controlled. This already well-established reference work will reflect these dramatic changes with improved and expanded coverage of the traditional domains of instrumentation as well as the cutting-edge areas of digital integration of complex sensor/control systems. Thoroughly revised, with up-to-date coverage of wireless sensors and systems, as well as nanotechnologies role in the evolution of sensor technology Latest information on new sensor equipment, new measurement standards, and new software for embedded control systems, networking and automated control Three entirely new sections on Controllers, Actuators and Final Control Elements; Manufacturing Execution Systems; and Automation Knowledge Base Updated and expanded references and critical standards

Basil Davidson's famous book -- now updated in a welcome Third Edition -- reviews the social and political history of Africa in the twentieth century. It takes the reader from the colonial era through the liberation movements to independence and beyond. It faces squarely the disappointments and breakdowns that have dulled the early successes of the post-colonial era; yet, for all the sorrows and uncertainties of Africa today, Basil Davidson shows how much has been achieved since decolonization, and the mood of his new final chapter is hopeful and buoyant.

This substantially revised edition retains the rich history and context that made the first two editions so widely acclaimed. Yet this third edition not only expands on the hurdles and triumphs of African American student-athletes, but it also examines the injustices toward and successes of coaches, administrators, and international student-athletes. Editors Dana Brooks and Ronald Althouse have assembled an elite collection of scholars in order to provide readers with the most authoritative text on the topic of racism in intercollegiate athletics.


For many Americans the mention of Africa immediately conjures up images of safaris, ferocious animals, strangely dressed "tribesmen," and impenetrable jungles. Although the occasional newspaper headline mentions authoritarian rule, corruption, genocide, devastating illnesses, or civil war in Africa, the collective American consciousness still carries strong mental images of Africa that are reflected in advertising, movies, amusement parks, cartoons, and many other corners of society. Few think to question these perceptions or how they came to be so deeply lodged in American minds. Mistaking Africa looks at the historical evolution of this mind-set and examines the role that popular media plays in its creation. The authors address the most prevalent myths and preconceptions and demonstrate how these prevent a true understanding of the enormously diverse peoples and cultures of Africa Updated throughout, the fourth edition covers the entire continent (North and sub-Saharan Africa) and provides new analysis of topics such as social media and the Internet, the Ebola crisis, celebrity aid, and the Arab Spring. Mistaking Africa is an important book for African studies courses and for anyone interested in unravelling American misperceptions about the continent.

Updated in its 4th edition, The African Experience is the only interdisciplinary survey to examine this region of the world from geographic, linguistic, social, historical, and political perspectives. Drawing on research from all of the social sciences, this text captures Africa in its complex totality. The African Experience helps readers develop a comprehensive and critical understanding of Africa, one that allows them to grasp the regions internal dynamics and its evolving place in the world.

MatLab, Third Edition is the only book that gives a full introduction to programming in MATLAB combined with an explanation of the software's powerful functions, enabling engineers to fully exploit its extensive capabilities in solving engineering problems. The book provides a systematic, step-by-step approach, building on concepts throughout the text, facilitating easier learning. Sections on common pitfalls and programming guidelines direct students towards best practice. The book is organized into 14 chapters, starting with programming concepts such as variables, assignments, input/output, and selection statements; moves onto loops; and then solves problems using both the 'programming concept' and the 'power of MATLAB' side-by-side. In-depth coverage is given to input/output, a topic that is fundamental to many engineering applications. Vectorized Code has been made into its own
chapter, in order to emphasize the importance of using MATLAB efficiently. There are also expanded examples on low-level file input functions, Graphical User Interfaces, and use of MATLAB Version R2012b; modified and new end-of-chapter exercises; improved labeling of plots; and improved standards for variable names and documentation. This book will be a valuable resource for engineers learning to program and model in MATLAB, as well as for undergraduates in engineering and science taking a course that uses (or recommends) MATLAB. Presents programming concepts and MATLAB built-in functions side-by-side Systematic, step-by-step approach, building on concepts throughout the book, facilitating easier learning Sections on common pitfalls and programming guidelines direct students towards best practice

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The essential packaging design resource, now with more patterns than ever! For more than two decades, The Packaging Designer's Book of Patterns has served as an indispensable source of ideas and practical solutions for a wide range of packaging design challenges. This Fourth Edition offers more than 600 patterns and structural designs—more than any other book—all drawn to scale and ready to be traced, scanned, or photocopied. Online access to the patterns in digital format allows readers to immediately use any pattern in the most common software programs, including Adobe Photoshop and Illustrator. Every pattern has been test-constructed to verify dimensional accuracy. The patterns can be scaled to suit particular specifications—many are easily converted to alternate uses—and most details are easily customizable. Features of this Fourth Edition include: More than 55 new patterns added to this edition—over 600 patterns in all A broad array of patterns for folding cartons, trays, tubes, sleeves, wraps, folders, rigid boxes, corrugated containers, and point-of-purchase displays Proven, scalable patterns that save hours of research and trial-and-error design Packaging patterns that are based on the use of 100% recyclable materials Includes access to a password protected website that contains all 600+ patterns in digital form for immediate use Comprehensive and up to date, The Packaging Designer's Book of Patterns, Fourth Edition enables packaging, display, and graphic designers and students to achieve project-specific design objectives with precision and confidence.

African American Psychology: From Africa to America provides comprehensive coverage of the field of African American psychology. Authors Faye Z. Belgrave and Kevin W. Allison skillfully convey the integration of African and American influences on the psychology of African Americans using a consistent theme throughout the text—the idea that understanding the psychology of African Americans is closely linked to understanding what is happening in the institutional systems in the United States. The Fourth Edition reflects notable advances and important developments in the field over the last several years, and includes evidence-based practices for improving the overall well-being of African American communities.