When considering the physiological systems of the body, the degree of species variation within the reproductive system compared to other systems is remarkable. Furthermore, it is essential that researchers, educators, and students alike remain aware of the fundamental comparative differences in the reproductive biology of domestic species.

Written by renowned scientists in their respective fields, *Comparative Reproductive Biology* is a comprehensive reference on the reproductive systems of domestic species. The book offers both broad and specific knowledge in areas that have advanced the field in recent years, including cellular and molecular biology applied to reproduction, transgenic animal production, gender selection, artificial insemination, embryo transfer, cryobiology, animal cloning, and many others. This seminal text includes topics in animal reproduction that are usually only found as part of other animal science books such as anatomy, histology, physiology, radiology, ultrasonography and others.

ISBN 9780813815541 (Blackwell Pub.)

Edición 2007; 11 1/2” x 8 1/2”; carpeta dura; 402 pp.
Until recently, plant breeders have depended primarily on classic tools to develop new and improved products for producers and consumers. However, with the advent of biotechnology, breeders are increasingly incorporating molecular tools in their breeding work. In recognition of the current state of methods and their application, this text introduces both classic and molecular tools for plant breeding.

Topics such as biotechnology in plant breeding, intellectual property, risks, emerging concepts (decentralized breeding, organic breeding), and more are addressed in this state of the art text. The final eight chapters provide a useful reference on breeding the largest and most common crops. In addition, in over 30 highlight boxes, plant breeders share their professional experiences while illustrating concepts in the text. Artwork from the book is available to instructors at www.blackwellpublishing.com/acquaah and on CD-ROM.

ISBN 1405136464 (Blackwell Pub.)

Edición 2007; 11" x 8 1/8"; carpeta dura; 569 pp.
STARTING & RUNNING YOUR OWN SMALL FARM BUSINESS

Autor: Aubrey, Sarah Beth

Número de Clasificación: S494.5 .A4 A93 2007

With entrepreneurial drive, a practical business plan, and some marketing savvy, you can run a successful small farm business that brings your products to your target audience. The demand for fresh, local, organic, naturally raised, lovingly crafted, or sustainably produced small-farm products is on the rise. With seasoned farmer Sarah Beth Aubrey as your guide, discover how you can make the most of these opportunities.

ISBN 9781580176972 (Storey Pub.)

Edición 2007; 11” x 8 ½”; carpeta blanda; 175 pp
SOIL ECOLOGY

Autor: Lavelle, Patrick

Número de Clasificación: S591 .L37 2005

This book presents a synthesis of the basic knowledge underpinning the different disciplines of Soil Science in a complete and accessible way. It presents the integrative concepts and models that permit the organisation of this knowledge and addresses the multiple interactions that occur between living and inanimate soil components at different spatial and temporal scales. New approaches to the integration and extension of this knowledge are considered basic to making significant progress in understanding three critical issues facing mankind: the restoration and maintenance of soil quality, the development of sustainable soil and land use practices and the effects of global change on soil and ecosystem function. Improving our understanding of the functional role and value of soil biodiversity and the importance of soil in carbon sequestration and nutrient element dynamics is seen as vital to the resolution of these issues.


Edición 2005; 9 ½ x 6 ½ ; carpeta dura; 654 pp.

Preparado por Jay Omar Soto, M.S.
Bibliotecario Auxiliar I
SOIL EROSION: PROCESSES, PREDICTION, MEASUREMENT, AND CONTROL

Autor: Toy, Terrence J.

Número de Clasificación: S623 .T68 2002

Soil erosion has been responsible for billions of dollars of damage during the past thirty years, in the United States alone. Soil Erosion provides complete coverage of the physical causes, processes, and effects of this environmental problem from its origins to planning for future conservation and remediation.

This book focuses on the process of soil erosion and erosion-control principles independent of land use. Coverage includes the primary factors that influence soil erosion, various types of erosion, erosion-prediction technology, erosion measurements, erosion and sediment control, and conservation of the land. Practical material on erosion models is featured along with ways to use these models as erosion-control tools. Details of conservation planning and government policy are presented in a historical context, supported by examples of working public programs and technical tools for conservation planning. End-of-chapter summaries and comprehensive appendices on soils, hydrology, and soil-erosion Web sites make this a complete and easy-to-use introduction to soil-erosion processes, prediction, measurement, and control.

ISBN 0471383694 (John Wiley & Sons)

Edición 2002; 9 ½” x 6 ½”; carpeta dura; 338 pp.

Preparado por Jay Omar Soto, M.S.
Bibliotecario Auxiliar I
INTERNATIONAL PURCHASING AND MANAGEMENT

Autor: Branch, Alan E..


It is appropriate that at a time of enormous change and opportunity in the international trade scene and procurement environment that Alan Branch has chosen to write International Purchasing and Management, a unique and authoritative guide to the essential and strategic buying of products overseas.

Written in his usual lucid and pragmatic style, the book looks at all of the stages involved in the international purchasing process to secure a delivered competitive price quotation from the suppliers premises to the buyers warehouse. It particularly reflects the international environment/infrastructure in which the goods are purchased.

Branch takes the reader through the initial rationale of a company business to buy overseas, the selection and negotiation processes, the importing/exporting methodology, and finally the logistics of distribution and payment. Particular emphasis is also placed upon risk areas, the competitive environment and future trends.

International Purchasing and Management includes a series of case studies, additional features on cargo insurance, Inco Terms 2000 and import customs practice planning, and an appendix of trade terms and abbreviations.

ISBN 1861525117 (Thomson Learning)

Edición 2001; 9 1/8” x 7 ½”; carpeta blanda; 342 pp.

Preparado por Jay Omar Soto, M.S.
Bibliotecario Auxiliar I
Designed with the student in mind, Strategic Compensation was prepared for use by all business students. From undergraduate to graduate, students will develop a grounded understanding of compensation practices and the environments in which business professionals plan, implement, and evaluate compensation systems.

They will examine the context of compensation practice, the criteria used to compensate employees, compensation system design issues, employee benefits, challenges of compensating key strategic employee groups, and pay and benefits around the world.

Additionally, in Building Strategic Compensation Systems, an experiential case simulation available to users of Strategic Compensation, Fifth Edition, students will have an opportunity to develop a strategic compensation plan and apply core knowledge about compensation systems explained in the textbook. Students work in small compensation consulting teams charged with the responsibility of developing a compensation plan for a company named e-sonic. The project is divided into four sections, which correspond to fundamental goals of compensation practitioners. This manual helps guide students through the case simulation software, available for download on the author's companion Web site (http://www.prenhall.com/martocchio).

ISBN 9780136007449 (Pearson Prentice Hall)

Edición 2009; 10 ¼” x 8 ½”; carpeta dura; 441 pp.

Preparado por Jay Omar Soto, M.S.
Bibliotecario Auxiliar I
HOLISTIC MANAGEMENT: MANAGING WHAT MATTERS FOR COMPANY SUCCESS

Autor: Christopher, William F.


Learn to apply a new, simpler approach to business management that enables you to cut through the mounds of literature on traditional business management and actually get results. This new approach, based on more than forty years of the authors field experience, combines and extracts the best from two successful business management innovations:

• Viable System Model (VSM): Developed by Stafford Beer, the VSM models the principles of system science and cybernetics for application in management. The VSM gives you a more realistic view of what your organization is and how it works, providing a new better way to structure and manage the company and its businesses for successful results.

• Key Performance Areas: Peter Drucker identified seven key performance areas that determine success for all business organizations. The author presents best practices for achieving organization goals in all the key performance areas, and describes how the VSM principles maximize results.

ISBN 0471740632 (Wiley-Interscience)

Edición 2007; 9 ¼” x 7 ½”; carpeta dura; 503 pp.

Preparado por Jay Omar Soto, M.S.
Bibliotecario Auxiliar I
The goal of the ninth edition of Business Forecasting remains the same as that of the previous editions: To present the basic statistical techniques that are useful for preparing individual business forecasts and long-range plans. The book is written in a simple straightforward style and makes extensive use of practical business examples. Sixty-five cases appear at the end of chapters to provide the student with the necessary link between theoretical concepts and their real-world applications. The emphasis is on the application of techniques by management for decision making. Students are assumed to have taken an introductory course in statistics and to be comfortable with using the computer to access software packages such as word processors and spreadsheets.
Human resource management is arguably the most exciting area within the field of business. Much has changed in the world since the writing of the ninth edition of this book. Your author personally witnessed and experienced the devastating effect that Mother Nature can have on human resource management when Hurricane Rita struck his hometown in 2005. Some of the current examples put in your text are truly real world. Major technological changes appear to be increasing geometrically with no end in sight. The interrelationship of human resource management functions and the increasing utilization of technology is reflected throughout this book.

As will be noted throughout the tenth edition, much has occurred with regard to who performs the human resource tasks. HR outsourcing, HR shared service centers, professional employer organizations, and line managers now assist in the accomplishment of human resource activities. As a shift is made in the allocation of those who perform the human resource function, many HR departments continue to get smaller. This shift should permit HR to shed its administrative image and focus on strategic and mission-oriented activities.

ISBN 0132225956 (Pearson Prentice Hall)

Edición 2008; 11” x 8 ½”; carpeta blanda; 506 pp.
Though largely inaccessible, the geochemistry of Earth's mantle and core can be examined through a wide variety of approaches. This volume focuses first on “remote” sensing using evidence from cosmochemical, seismic, petrologic and geochemical approaches. Mantle composition is then examined in detail through descriptions of mantle samples brought to Earth's surface through tectonic, volcanic, and volatile outgassing processes. The volume concludes with examination of processes that modify the composition of the mantle and core, including an early magma ocean partial melting element partitioning between minerals and melts, and physical mixing caused by plate subduction, mantle convection and mass exchange between mantle and core.

Richard Carlson is a staff member at the Department of Terrestrial Magnetism in the Carnegie Institution of Washington. He studies topics such as the origin of mountains, the dynamics of the deep mantle and crust and the formation of cratons by analyzing the different isotopes found in rocks that he collects from around the world. He is a fellow of the American Geophysical Union and the Geochemical Society; an Editor of Earth and Planetary Science Letters, and has been closely involved with solid-earth geochemistry data management initiatives, such as Earth Chem. (www.earthchem.org) and The Western North American Volcanic and Intrusive Rock Database (navdat.geo.ku.edu).

ISBN 0080448488 (Elsevier)

Edición 2005; 11” x 7 ½”; carpeta blanda; 586 pp.
EVIDENCE-BASED PRACTICE FOR NURSE: APPRAISAL AND APPLICATION OF RESEARCH

Autor: Schmidt, Nola A.

Número de Clasificación: RT 81.5.E95 2009

Appraisal and Application of Research Evidence-Based Practice for Nurses: Appraisal and Application of Research serves as the definitive reference for transitioning research into nursing practice. Readers are led through a step-by-step process using the innovation-decision process (IDP) with each unit shaped according to the five steps of the IDP: knowledge, persuasion, decision, implementation, and confirmation. This unique organizational approach allows the research process to be tangible and linked with strategies that promote advancement.

ISBN 9780763744373 (Jones and Bartlett Publishers)

Edición 2009; 9" x 7"; carpeta blanda; 431 pp.
SIMULATION-BASED INFERENCE IN ECONOMETRICS: METHODS AND APPLICATIONS

Autor: Mariano, Roberto S.


This substantial volume has two principal objectives. First it provides an overview of the statistical foundations of simulation-based inference. This includes the summary and synthesis of the many concepts and results extant in the theoretical literature, the different classes of problems and estimators, the asymptotic properties of these estimators, as well as descriptions of the different simulators use. Second, the volume provides empirical and operational example of SW methods. Often what is missing, even in existing applied papers, are operational issues. Which simulator works best for which problem and why. This volume will explicitly address the important numerical and computational issues in SBI which are not covered comprehensively in the existing literature. Examples of such issues a C: comparisons with existing tractable methods, number of replications needed for robust result, choice of instruments, simulation noise and bias as w II as efficiency loss in practice.


Edición 2000; 9 1/2x x 6”; carpeta dura; 462 pp.
UNDERGRADUATE WRITING IN PSYCHOLOGY:
LEARNING TO TELL THE SCIENTIFIC STORY

Autor: Landrum, R. Eric.

Número de Clasificación: BF 76.7.l36 2008

This book takes readers step-by-step through crafting research questions or theses; executing library database searches analyzing evaluating and synthesizing literature and drafting specific parts of a paper Writing samples, including two full-length student papers in draft, marked-up, and final form, illustrate key concepts such as how to synthesize, literature, how revision differs from editing, and how to recognize and avoid plagiarism.

Students will find invaluable guidance on how to communicate with instructors on a professional level along with examples of checklists and grading rubrics instructors might use. They will also benefit from a self-quiz to enhance their knowledge of APA style, as well as example reference formats and other quick-reference style tools.

ISBN 9781433803321 (American Psychological Association)

Edición 2008; 10” x 7”; carpeta blanda; 192 pp.
ASPECTOS DE LA TEORÍA DE LAS SINTAXIS

Autor: Chomsky, Noam

Número de Clasificación: P 291.C418 1999

Italo Calvino, en su *Perebé /eggere i c/assid*, dice que “un clásico es un libro que nunca termina de decir in que tiene que decir. *Aspectos de la teoría de la sintaxis* se nos presenta en 1965 como in consolación de esa especie de conmoción que había provocado ocho años antes *Estructuras sintácticas*, como si fuera, pues, un punto de llegada. Visto ahora, advertimos que iba a ser también el lugar desde que varios hilos se irán tejiendo hasta hoy mismo.

La obra de Chomsky en sustituye seguramente la más profunda disquisición sobre el lenguaje que hayamos conocido hasta ahora. Es fundacional para la lingüística científica y tiene una gran incidencia en la filosofía de la mente y de la biología, en la psicología y la ciencia cognitiva.

La idea de una lingüística internista que se plantea sus problemas como lo hacen las ciencias del mundo natural, la redefinición de La noción de “facultad del lenguaje”, la aproximación “naturalista metodológica” estudio de los procesos cognitivos, la ubicación más clara de la lingüística dentro de la distinción entre ciencia naturalista y ciencia del sentido común, son algunas de las cuestiones esenciales que no se habrían suscitado sin la presencia de la obra de Chomsky.

ISBN 9788474326727 (Gedisa)

Edición 1999; 9” x 6”; carpeta blanda; 262 pp.
Personal computers have made life convenient in many ways, but what about their impacts on the environment, due to production, use and disposal? Manufacturing computers requires prodigious quantities of fossil fuels, toxics chemicals and water. Rapid improvements in performance mean we often buy new machine every 1-3 years, which adds up to mountains of waster computers. How should societies respond to manage these environmental impacts?


Edición 2003; 9 1/2" x 6"; carpeta dura; 285 pp.
The aim of this hook is to describe the methods leading to mechanical and numerical modelling of the linear vibrations of elastic structures coupled with internal fluids (sloshing hydroelasticity and structural acoustics).

It is characteristic of the problems under consideration that they are multidisciplinary involving structural and fluid representation and related numerical aspects. The problems are solved by direct resolution of the coupled systems by finite element methods and modal reduction procedures using the eigenmodes of ‘elementary subsystems’.

The numerical methods described in this hook have applications in various engineering disciplines such as the automotive and aerospace industries, civil engineering, nuclear engineering and bioengineering.

ISBN 0471944599 (Wiley)

Edición 1995; 9 1/4 x 7 1/4; carpeta dura; 212 pp.
This is volume 2 of a two-volume set on Fluid-Structure Interactions (Dynamics, Stability, and Vibration) of slender structures in contact with axial flow. Specifically, Volume 2 is concerned with:

- Shells containing or immersed in axial flow
- Cylinders, solitary or in clusters, in axial flow
- Plates in axial flow
- Slender structures subjected to annular and leakage flows

The emphasis is on the fundamentals, particularly on the physical understanding of the dynamical behavior and the underlying mechanisms, as well as on applications. The text is richly illustrated, and over 1,400 references are cited.
ENGINEERING MECHANICS. STATICS

Autor: Soutas-Little, Robert W.

Número de Clasificación: TA351.S58 2008

Most basic texts in Static have changed little since the 1960s. Over this period, one most popular texts for Static was by Beer and Johnston, first published in 1962 in vector form, and then in vector editions in the early 1970s. Another very popular the by J. L. Meriam, who pioneered the use of SI units in mechanics-Miami also a strong view that vector operations should be conceptual whenever possible, and strong emphasis on drawing vector polygons and solving most two-dimensional problems using trigonometry. With the increase in computer usage, computer problems were to some books in the early 1990s, but only in a limited manner as most students were familiar with programming languages. In addition, there was limited time in the schedule to cover solution of problems of this type. Basically, there have been few in the material presented and the mathematical treatment of introductory mechanics the introduction of vectors. We found that we could greatly expand the scope of problems that could best using computational software. Tended, the nonlinear nature of some of these problems made the use of the computational software necessary. We have met new solution methods, such as, a direct vector solution where the vector equilibrium equations are solved without expanding them into scalar equations. The computational software may be thought of as a sophisticated grue curator. This approach, the use of computational software, is simply the next evolution from slide-rule and trig tables, to calculators and now to computers.

ISBN 9780534549213 (Thomson)

Edición 2008; 10 1/2" x 8”; carpeta dura; 473 pp.

Preparado por Evelyn Ríos Cortés
Bibliotecario Auxiliar I
CHEMICAL PROCESS DESIGN: COMPUTER-AIDED CASE STUDIES

Autor: Dimian, Alexandre C.

Número de Clasificación: TP155.7.D56 2008

Nowadays, computer-aided process engineering tools enable analysis and validation of the interplay between chemistry, thermodynamics, process synthesis and dynamics, as well as the efficient use of energy and material resources prior to building the actual plant. After developing alternative flow sheets considering the various design constraints, the most suitable is selected and optimized with respect to efficiency, ecological performance and operability. Furthermore, recent progress in software technology has allowed a far greater number of users access to dynamic simulation.

This practical how-to book deals with the challenge of designing sustainable chemical processes by way of systematic methods aided by computer simulation. Its didactic approach guides readers from basic knowledge to mastering complex flow sheets, and is unique in emphasizing the integration of process design and plant wide control at an early conceptual stage. The simulation results are compared with flow sheets and performance indices from real industrial processes, with the complete input data also provided, such that readers are able to reproduce the results with their own simulators. Numerous case studies illustrate generic creative issues, as well as the efficient use of simulation techniques, with each one standing for an important topic taken from practice. This book is for everyone interested in innovative chemical processes, from undergraduates to professional designers.

ISBN 9783527314034 (Wiley-VCH)

Edición 2008; 9\text{\textquoteleft}38\text{\textquoteleft}n x 7\text{\textquoteleft}; carpeta dura; 508 pp.