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KEY=MANUAL - JACOBY COLE

Idea Man

A Memoir by the Cofounder of Microsoft

Penguin By his early thirties, Paul Allen was a world-famous billionaire-and that was just the beginning. In 2007 and 2008, Time named Paul Allen, the cofounder of Microsoft, one of the hundred most influential people in the world. Since he made his fortune, his impact has been felt in science, technology, business, medicine, sports, music, and philanthropy. His passion, curiosity, and intellectual rigor-combined with the resources to launch and support new initiatives-have literally changed the world. In 2009 Allen discovered that he had lymphoma, lending urgency to his desire to share his story for the first time. In this classic memoir, Allen explains how he has solved problems, what he's learned from his many endeavors-both the triumphs and the failures-and his compelling vision for the future. He reflects candidly on an extraordinary life. The book also features previously untold stories about everything from the true origins of Microsoft to Allen's role in the dawn of private space travel (with SpaceShipOne) and in discoveries at the frontiers of brain science. With honesty, humor, and insight, Allen tells the story of a life of ideas made real.

Ethics for the Information Age

Addison-Wesley Widely praised for its balanced treatment of computer ethics, *Ethics for the Information Age* offers a modern presentation of the moral controversies surrounding information technology. Topics such as privacy and intellectual property are explored through multiple ethical theories, encouraging readers to think critically about these issues and to make their own ethical decisions.

Good Omens

The Nice and Accurate Prophecies of Agnes Nutter, Witch

Harper Collins There is a distinct hint of Armageddon in the air. According to *The Nice and Accurate Prophecies of Agnes Nutter, Witch* (recorded, thankfully, in 1655, before she blew up her entire village and all its inhabitants, who had gathered to watch her burn), the world will end on a Saturday. Next Saturday, in fact. So the armies of Good and Evil are amassing, the Four Bikers of the Apocalypse are revving up their mighty hogs and hitting the road, and the world's last two remaining witch-finders are getting ready to fight the good fight, armed with awkwardly antiquated instructions and stick pins. Atlantis is rising, frogs are falling, tempers are flaring. . . . Right. Everything appears to be going according to Divine Plan. Except that a somewhat fussy angel and a fast-living demon -- each of whom has lived among Earth's mortals for many millennia and has grown rather fond of the lifestyle -- are not particularly looking forward to the coming Rapture. If Crowley and Aziraphale are going to stop it from happening, they've got to find and kill the Antichrist (which is a shame, as he's a really nice kid). There's just one glitch: someone seems to have misplaced him. . . . First published in 1990, Neil Gaiman and Terry Pratchett's brilliantly dark and screamingly funny take on humankind's final judgment is back -- and just in time -- in a new hardcover edition (which includes an introduction by the authors, comments by each about the other, and answers to some still-burning questions about their wildly popular collaborative effort) that the devout and the damned alike will surely cherish until the end of all things.

Matlab for Engineers

This is a value pack of MATLAB for Engineers: International Versionand MATLAB & Simulink Student Version 2011a

Introduction to Probability and Statistics for Engineers and Scientists

John Wiley & Sons Incorporated Elements of probability; Random variables and expectation; Special; random variables; Sampling; Parameter estimation; Hypothesis testing; Regression; Analysis of variance; Goodness of fit and nonparametric testing; Life testing; Quality control; Simulation.

An Introduction to Systems Biology

Design Principles of Biological Circuits

CRC Press Praise for the first edition: ... superb, beautifully written and organized work that takes an engineering approach to systems biology. Alon provides nicely written appendices to explain the basic mathematical and biological concepts clearly and succinctly without interfering with the main text. He starts with a mathematical description of transcriptional activation and then describes some basic transcription-network motifs (patterns) that can be combined to form larger networks. - Nature [This text deserves] serious attention from any quantitative scientist who hopes to learn about modern biology ... It assumes no prior knowledge of or even interest in biology ... One final aspect that must be mentioned is the wonderful set of exercises that accompany each chapter. ... Alon's book should become a standard part of the training of graduate students. - Physics Today Written for students and researchers, the second edition of this best-selling textbook continues to offer a clear presentation of design principles that govern the structure and

behavior of biological systems. It highlights simple, recurring circuit elements that make up the regulation of cells and tissues. Rigorously classroom-tested, this edition includes new chapters on exciting advances made in the last decade. Features: Includes seven new chapters The new edition has 189 exercises, the previous edition had 66 Offers new examples relevant to human physiology and disease

Skull Base Surgery of the Posterior Fossa

Springer This text provides a comprehensive and contemporary overview of surgical approaches to lesions of the posterior fossa. It will serve as a resource for neurosurgeons and otologists who treat patients with tumors and vascular diseases of the posterior fossa. It provides a concise review of surgical strategies that address the most important pathologies affecting the posterior fossa. It is richly illustrated with photographs and illustrations of the surgical strategies covered. All chapters are written by experts with world-wide recognition for their contributions in their respective subspecialty. Skull Base Surgery of the Posterior Fossa will be of great utility to Neurosurgeons, Otolaryngologists, and Radiation Therapists with an interest in diseases that affect the posterior fossa, as well as Senior Residents in Neurosurgery and Otolaryngology, and Fellows of Skull Base Surgery and Otology.

Innovative Medicine

Basic Research and Development

Springer This book is devoted to innovative medicine, comprising the proceedings of the Uehara Memorial Foundation Symposium 2014. It remains extremely rare for the findings of basic research to be developed into clinical applications, and it takes a long time for the process to be achieved. The task of advancing the development of basic research into clinical reality lies with translational science, yet the field seems to struggle to find a way to move forward. To create innovative medical technology, many steps need to be taken: development and analysis of optimal animal models of human diseases, elucidation of genomic and epidemiological data, and establishment of "proof of concept". There is also considerable demand for progress in drug research, new surgical procedures, and new clinical devices and equipment. While the original research target may be rare diseases, it is also important to apply those findings more broadly to common diseases. The book covers a wide range of topics and is organized into three complementary parts. The first part is basic research for innovative medicine, the second is translational research for innovative medicine, and the third is new technology for innovative medicine. This book helps to understand innovative medicine and to make progress in its realization.

Science and Practice of Pressure Ulcer Management

Springer Science & Business Media Only comprehensive reference book on pressure ulcers and their management Only book in its field endorsed by the European Pressure Ulcer Advisory Panel, the leading European authority on pressure ulcers

Economics for Investment Decision Makers Workbook

Micro, Macro, and International Economics

John Wiley & Sons The economics background investors need to interpret global economic news distilled to the essential elements: A tool of choice for investment decision-makers. Written by a distinguished academics and practitioners selected and guided by CFA Institute, the world's largest association of finance professionals, Economics for Investment Decision Makers is unique in presenting microeconomics and macroeconomics with relevance to investors and investment analysts constantly in mind. The selection of fundamental topics is comprehensive, while coverage of topics such as international trade, foreign exchange markets, and currency exchange rate forecasting reflects global perspectives of pressing investor importance. Concise, plain-English introduction useful to investors and investment analysts Relevant to security analysis, industry analysis, country analysis, portfolio management, and capital market strategy Understand economic news and what it means All concepts defined and simply explained, no prior background in economics assumed Abundant examples and illustrations Global markets perspective

Introductory Statistics

Introductory Statistics is designed for the one-semester, introduction to statistics course and is geared toward students majoring in fields other than math or engineering. This text assumes students have been exposed to intermediate algebra, and it focuses on the applications of statistical knowledge rather than the theory behind it. The foundation of this textbook is Collaborative Statistics, by Barbara Illowsky and Susan Dean. Additional topics, examples, and ample opportunities for practice have been added to each chapter. The development choices for this textbook were made with the guidance of many faculty members who are deeply involved in teaching this course. These choices led to innovations in art, terminology, and practical applications, all with a goal of increasing relevance and accessibility for students. We strove to make the discipline meaningful, so that students can draw from it a working knowledge that will enrich their future studies and help them make sense of the world around them. Coverage and Scope Chapter 1 Sampling and Data Chapter 2 Descriptive Statistics Chapter 3 Probability Topics Chapter 4 Discrete Random Variables Chapter 5 Continuous Random Variables Chapter 6 The Normal Distribution Chapter 7 The Central Limit Theorem Chapter 8 Confidence Intervals Chapter 9 Hypothesis Testing with One Sample Chapter 10 Hypothesis Testing with Two Samples Chapter 11 The Chi-Square Distribution Chapter 12 Linear Regression and Correlation Chapter 13 F Distribution and One-Way ANOVA

International Business

Strategy and the Multinational Company

Routledge This book covers the same material and more when compared with other international business texts, yet it is priced for the student's pocketbook. A new international business text for a new and ever changing global environment. With a unique chapter covering International E-Commerce, Cullen is written in a unique way. Issues link the chapters. The logic is that to choose and implement strategies in international business, you need to understand the global, institutional, and cultural environment. In turn, you need to align functional strategies to support the more general multinational strategies. From the student's point of view, the approach is designed to answer the questions of "why do I really need to know all of this stuff?" Unfortunately, the companion website for this book is no longer available. If you would like access to the materials, please contact SalesHSS@taylorandfrancis.com.

The Kawasaki Triples Bible

All Road Models 1968-1980, Plus H1R and H2R Racers in Profile

[Veloce Publishing Ltd](#) The Kawasaki Triples Bible covers the entire production of three cylinder two-strokes from 1967 to 1980, featuring a year by year breakdown of bike specs, including the KH250, 350 S2, KH400, H1 500 and H2 750 models. Illustrated with hundreds of archive photographs and period adverts, plus personal memories from some of the racers and tuners who got the best from the fearsome H1 500 and H2 750 machines of the 60s and 70s, this is an invaluable resource for any collector or restorer of these fabulous motorcycles. With information provided by Kawasaki Museum, acknowledged experts such as Rick Brett and Dave Marsden, and lifelong Kawasaki triples owners, it defines the enduring appeal of the models. It also contains excellent tips on spares, tuning, rebuilds etc., and captures the very essence of what made the Kawasaki triples the most rebellious, kick-ass two-strokes of their time.

Noise Control

From Concept to Application

[CRC Press](#) **Noise Control: From Concept to Application** presents the basic principles of noise control and their practical application to real problems. Numerous examples are worked out in detail and are used to illustrate the concepts in the book. There are few derivations of equations, but reference is made to texts from which these are derived. An excellent learning tool for students and practitioners, this guide to noise control will enable readers to use their knowledge to solve a wide range of industrial noise control problems. Working from basic scientific principles, the author shows how an understanding of sound can be applied to real-world settings.

Manufacturing Facilities Design and Material Handling

[Pearson Educación](#) This project-oriented facilities design and material handling reference explores the techniques and procedures for developing an efficient facility layout, and introduces some of the state-of-the-art tools involved, such as computer simulation. A "how-to," systematic, and methodical approach leads readers through the collection, analysis and development of information to produce a quality functional plant layout. Lean manufacturing; work cells and group technology; time standards; the concepts behind calculating machine and personnel requirements, balancing assembly lines, and leveling workloads in manufacturing cells; automatic identification and data collection; and ergonomics. For facilities planners, plant layout, and industrial engineer professionals who are involved in facilities planning and design.

Taurine 10

[Springer](#) **Taurine 10** contains original articles and critical reviews based on the oral and poster presentations of XX International Taurine Meeting held in Seoul, Korea in May 2016. The purpose of the book is to present current ideas, new avenues and research regarding biological functions and clinical applications of taurine and taurine derivatives. It focuses on all aspects of taurine research including the cardiovascular system, the immune system, diabetes, the central nervous system, endocrine system and the role of taurine supplements in nutrition. It also includes presentations of novel animal experimental models using Cdo1 and CSAD knock-out mice.

The Inhabitants of the Philippines

Handbook of Evidence-Based Radiation Oncology

[Springer Science & Business Media](#) Building on the success of this book's first edition, Dr. Eric Hansen and Dr. Mack Roach have updated, revised, and expanded the Handbook of Evidence-based Radiation Oncology, a portable reference that utilizes evidence-based medicine as the basis for practical treatment recommendations and guidelines. Organized by body site, concise clinical chapters provide easy access to critical information. Important "pearls" of epidemiology, anatomy, pathology, and clinical presentation are highlighted. Key facets of the work-up are listed, followed by staging and/or risk classification systems. Treatment recommendations are discussed based on stage, histology, and/or risk classification. Brief summaries of key trials and studies provide rationale for the recommendations. Practical guidelines for radiation techniques are described. Finally, complications and follow-up guidelines are outlined. Updates from the first edition include brand new color figures and color contouring mini-atlases for head and neck, gastrointestinal, prostate, and gynecological tumors; redesigned tables for increased readability; new chapters on management of the neck and unknown primary, clinical radiobiology, and pediatric malignancies and benign conditions; and new appendices including the American College of Radiology guidelines for administration of IV contrast.

Wireless Networks For Dummies

[John Wiley & Sons](#) You've probably heard the expression, "It's time to cut the cord." Well, it may be time to "cut the cables" at your office and free yourself from your desk and computer. Wireless networks are the waves of the future—literally. **Wireless Networks For Dummies** guides you from design through implementation to ongoing protection of your system and your information so you can: Remain connected to the office in airports and hotels Access the Internet and other network resources in the lunchroom, conference room, or anywhere there's an access point Use your PDA or laptop to query your database from the warehouse or the boardroom Check e-mail wirelessly when you're on the road Get rid of the cable clutter in your office **Wireless Networks For Dummies** was coauthored by Barry D. Lewis, CISSP, and Peter T. Davis, who also coauthored **Computer Security For Dummies**. Barry Lewis is president of an information security consulting firm and an internationally known leader of security seminars. Peter Davis is founder of a firm specializing in the security, audit, and control of information. Together, they cut through the cables, clutter, and confusion and help you: Get off to a quick start and get mobile with IrDA (Infrared Data Association) and Bluetooth Perform a site survey and select the right standard, mode, access point, channel and antenna Check online to verify degree of interoperability of devices from various vendors Install clients and set up roaming Combat security threats such as war driving, jamming, hijacking, and man-in-the-middle attacks Implement security and controls such as MAC (Media Access Control) and protocol filtering, WEP (Wireless Equivalent Privacy), WPA, (Wi-Fi Protected Access), EAP (Extensible Authentication Protocol), and VPN (Virtual Private Network) Set up multiple access points to form a larger wireless network Complete with suggestions of places to get connected, Web sites where you can get more information, tools you can use to monitor and improve security, and more, **Wireless Networks For Dummies** helps you pull the plug and go wireless!

Therapeutic Nuclear Medicine

[Springer](#) The recent revolution in molecular biology offers exciting new opportunities for targeted radionuclide therapy. This up-to-date, comprehensive book, written by world-renowned experts, discusses the basic principles of radionuclide therapy, explores in detail the available treatments, explains the regulatory requirements, and examines likely future developments. The full range of clinical applications is considered, including thyroid cancer, hematological malignancies, brain tumors, liver cancer, bone and joint disease, and neuroendocrine tumors. The combination of theoretical background and practical information will provide the reader with all the knowledge required to administer radionuclide therapy safely and effectively in the individual patient. Careful attention is also paid to the role of the therapeutic nuclear physician in coordinating a diverse multidisciplinary team, which is central to the safe provision of treatment.

Myopathology

A Practical Clinico-pathological Approach to Skeletal Muscle Biopsies

Springer This book covers all aspects of basic, essential, recent advances and controversies in myopathology. The major emphasis is on diagnostic myopathology of muscular dystrophies, inflammatory myopathies, mitochondrial myopathies, metabolic myopathies, congenital myopathies, myopathies of miscellaneous etiology, neurogenic and neuromuscular junction disorders, the goal being to broaden readers' understanding of individual disease subgroups. The book also contains all the essential details needed to establish a neuromuscular lab, making it especially relevant for laboratory technical staff and research scholars.

Handbook on Clostridia

CRC Press Clostridia is one of the largest bacterial genera with an enormous potential for biotechnical and medical applications. Despite growing scientific, medical, and industrial interest, information on basic methods, biochemical fundamentals, clinical practice, industrial applications, and novel developments remains scattered in a variety of research ar

Parasitic Protozoa of Farm Animals and Pets

Springer This book provides an in-depth yet concise overview of the most common and emerging protozoa that cause diseases in both farm animals and companion animals. As outlined in the concise introduction, pathogenic protozoans represent an evolutionary highly diverse and little understood group of disease-causing microorganisms. For each of the featured parasitic unicellular eukaryotes, it discusses the morphology, lifecycle, epidemiology and host-pathogen interactions. In addition, the book highlights the latest developments in diagnostic methods, as well as prevention and treatment strategies. Thorough information on genomes and genetic manipulation strategies for some of the protozoa covered in this book is also included. Infections involving parasitic protozoa can cause productivity losses and/or reduce the quality of life of infected animals. Some infections are zoonotic, posing an on-going public health threat. In most cases, prevention and treatment are either non-existent or need considerable improvement. On the other hand, a great deal of research has recently been conducted on these organisms, yielding valuable new information on their global distribution and revealing the mechanisms of host-pathogen interactions at the molecular level - and essential insights that can be used for the development of new control tools. This book includes extensive information on both basic aspects and recent scientific discoveries on these protozoa and thus constitutes a unique resource for students, veterinarians, and researchers alike.

Robots, Androids and Animatrons, Second Edition : 12 Incredible Projects You Can Build

12 Incredible Projects You Can Build

McGraw Hill Professional Bring a robot to life without programming or assembly language skills! There's never been a better time to explore the world of the nearly human. With the complete directions supplied by popular electronics author John Iovine, you can: • Build your first walking, talking, sensing, thinking robot • Create 12 working robotic projects, using the fully illustrated instructions provided • Get the best available introduction to robotics, motion control, sensors, and neural intelligence • Put together basic modules to build sophisticated 'bots of your own design • Construct a robotic arm that responds to your spoken commands • Build a realistic, functional robotic hand • Apply sensors to detect bumps, walls, inclines, and roads • Give your robot expertise and neural intelligence You get everything you need to create 12 exciting robotic projects using off-the-shelf products and workshop-built devices, including a complete parts list. Also ideal for anyone interested in electronic and motion control, this cult classic gives you the building blocks you need to go practically anywhere in robotics.

Orthopedic Traumatology

An Evidence-Based Approach

Springer Now in its revised and expanded second edition, this comprehensive, user-friendly text brings the latest evidence to bear on the diagnosis and management of orthopedic trauma patients. Centering on clinical scenarios, each chapter is based on a specific case. Leaders in the field of orthopedic trauma provide their expert opinions on management strategies and techniques while using data as their guide. The book is divided into sections covering the spine, upper and lower extremities, hip and acetabulum, foot and ankle, polytrauma, infection and perioperative management. New chapters in this edition discuss elbow fracture dislocations, femoral neck fractures in the young, Lisfranc injuries and acute post-operative infection. Each chapter describes and summarizes the data in a consistent structure, but achieves this objective in a case-based format. Utilizing the latest literature, Orthopedic Traumatology: An Evidence-Based Approach, Second Edition will continue to serve as a guide for orthopedic residents and practicing physicians alike.

Benchmarking — Theory and Practice

Springer Lecturers and researchers in the areas of industrial engineering, quality management and business development, and middle and higher management in business or technology-oriented positions, will find this book invaluable.

Lean Thinking

Banish Waste And Create Wealth In Your Corporation

Simon and Schuster Lean Thinking was launched in the fall of 1996, just in time for the recession of 1997. It told the story of how American, European, and Japanese firms applied a simple set of principles called 'lean thinking' to survive the recession of 1991 and grow steadily in sales and profits through 1996. Even though the recession of 1997 never happened, companies were starving for information on how to make themselves leaner and more efficient. Now we are dealing with the recession of 2001 and the financial meltdown of 2002. So what happened to the exemplar firms profiled in Lean Thinking? In the new fully revised edition of this bestselling book those pioneering lean thinkers are brought up to date. Authors James Womack and Daniel Jones offer new guidelines for lean thinking firms and bring their groundbreaking practices to a brand new generation of companies that are looking to stay one step ahead of the competition.

Animal Biotechnology 1 Reproductive Biotechnologies

Springer This two-volume textbook provides a comprehensive overview on the broad field of Animal Biotechnology with a special focus on livestock reproduction and breeding. The reader will be introduced to a variety of state-of-the-art technologies and emerging genetic tools and their applications in animal production. Also, ethics and legal aspects of animal biotechnology will be discussed and new trends and developments in the field will be critically assessed. The two-volume work is a must-have for graduate students, advanced undergraduates and researchers in the field of veterinary medicine, genetics and animal biotechnology. This first volume mainly focuses on artificial insemination, embryo transfer technologies in diverse animal species and cryopreservation of oocytes and embryos.

Financial Management Principles and Applications

Pearson For undergraduate courses in corporate finance and financial management. Develop and begin to apply financial principles People often struggle to see how financial concepts relate to their personal lives and prospective careers. Financial Management: Principles and Applications gives readers a big picture perspective of finance and how it is important in their personal and professional lives. Utilizing five key principles, the 13th Edition provides an approachable introduction to financial decision-making, weaving in real world issues to demonstrate the practical applications of critical financial concepts. Also available with MyFinanceLab(tm) MyFinanceLab is an online homework, tutorial, and assessment program designed to work with this text to engage students and improve results. Within its structured environment, students practice what they learn, test their understanding, and pursue a personalized study plan that helps them better absorb course material and understand difficult concepts. Note: You are purchasing a standalone product; MyLab(tm)& Mastering(tm) does not come packaged with this content. Students, if interested in purchasing this title with MyLab & Mastering, ask your instructor for the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information. If you would like to purchase both the physical text and MyLab & Mastering, search for: 0134640845 / 9780134640846 Financial Management: Principles and Applications Plus MyFinanceLab with Pearson eText -- Access Card Package Package consists of: 0134417216 / 9780134417219 Financial Management: Principles and Applications 0134417607 / 9780134417608 MyFinanceLab with Pearson eText -- Access Card -- for Financial Management: Principles and Applications

Student Solutions Manual for Silberberg Chemistry: The Molecular Nature of Matter and Change

McGraw-Hill Education This supplement, prepared by Mary Kay Orgill of the University of Nevada, Las Vegas, contains detailed solutions and explanations for all problems in the main text that have colored numbers.

General Information 1997

A Handbook of Management Theories and Models for Office Environments and Services

Routledge Although workplace design and management are gaining more and more attention from modern organizations, workplace research is still very fragmented and spread across multiple disciplines in academia. There are several books on the market related to workplaces, facility management (FM), and corporate real estate management (CREM) disciplines, but few open up a theoretical and practical discussion across multiple theories from different disciplines. Therefore, workplace researchers are not aware of all the angles from which workplace management and effects of workplace design on employees has been or could be studied. A lot of knowledge is lost between disciplines, and sadly, many insights do not reach workplace managers in practice. Therefore, this new book series is started by associate professor Rianne Appel-Meulenbroek (Eindhoven University of Technology, the Netherlands) and postdoc researcher Vitalija Danivska (Aalto University, Finland) as editors, published by Routledge. It is titled 'Transdisciplinary Workplace Research and Management' because it bundles important research insights from different disciplinary fields and shows its relevance for both academic workplace research and workplace management in practice. The books will address the complexity of the transdisciplinary angle necessary to solve ongoing workplace-related issues in practice, such as knowledge worker productivity, office use, and more strategic management. In addition, the editors work towards further collaboration and integration of the necessary disciplines for further development of the workplace field in research and in practice. This book series is relevant for workplace experts both in academia and industry. This second book in the series focuses on the role of workplace management in the organization and the tasks that workplace management needs to consider. The 18 theories that are presented in this book and applied to workplace research discuss management aspects from the organization's perspective or dive deeper into issues related to people and/or building management. They all emphasize that workplace management is a complex matter that requires more strategic attention in order to add value for various stakeholders. The final chapter of the book describes a first step towards integrating the presented theories into an interdisciplinary framework for developing a grand workplace management theory.

Lactic Acid Bacteria in Foodborne Hazards Reduction

Physiology to Practice

Springer This book provides an overview of the physiological basis of lactic acid bacteria and their applications in minimizing foodborne risks, such as pathogens, heavy metal pollution, biotoxin contamination and food-based allergies. While highlighting the mechanisms responsible for these biological effects, it also addresses the challenges and opportunities that lactic acid bacteria represent in food safety management. It offers a valuable resource for researchers, graduate students, nutritionists and product developers in the fields of food science and microbiology.

An International Perspective on Disasters and Children's Mental Health

Springer This book provides a broad international perspective on the psychological trauma faced by children and adolescents exposed to major disasters, and on the local public health response to their needs. An outstanding quality of the book is that it draws upon the experience of local researchers, clinicians, and public mental health practitioners who dedicated themselves to these children in the wake of overwhelming events. The chapters address exemplary responses to a wide variety of trauma types, including severe weather, war, industrial catastrophes, earthquakes, and terrorism. Because disasters do not recognize geographic, economic, or political boundaries, the chapters have been selected to reflect the diverse global community's attempt to respond to vulnerable children in the most challenging times. The book, thus, examines a diverse range of healthcare systems, cultural settings, mental health infrastructure, government policies, and the economic factors that have played an important role in responses to traumatic events. The ultimate goal of this book is to stimulate future international collaborations and interventions that will promote children's mental health in the face of disaster.

Ship Automation

For Marine Engineers and ETOs

Plant Mutation Breeding and Biotechnology

CABI Abstract: This book presents contemporary information on mutagenesis in plants and its applications in plant breeding and research. The topics are classified into sections focusing on the concepts, historical development and genetic basis of plant mutation breeding (chapters 1-6); mutagens and induced mutagenesis (chapters 7-13); mutation induction and mutant development (chapters 14-23); mutation breeding (chapters 24-34); or mutations in functional genomics (chapters 35-41). This book is an essential reference for those who are conducting research on mutagenesis as an approach to improving or modifying a trait, or achieving basic understanding of a pathway for a trait --.

Materials Management

An Integrated Systems Approach

Springer This book examines the problem of managing the flow of materials into, through, and out of a system in order to improve the efficiency and effectiveness of materials management. The subject is crucial for global competitive advantage, as materials constitute the largest single cost factor in manufacturing and service, and their effective management enhances value for money. In this context, inventory is a barometer of materials management effectiveness, along with wastage of materials. The book adopts a comprehensive, integrated systems approach and covers almost all aspects of materials, considering the specification, procurement, storage, handling, issue, use and accounting of materials to get the most out of every dollar invested. Combining conceptual clarity and quantitative rigor, it will be a highly useful guide for practicing managers, academics and researchers in this vital functional area.

Neonatal Respiratory Care

Year Book Medical Pub

Flammer Syndrome

From Phenotype to Associated Pathologies, Prediction, Prevention and Personalisation

Springer Unmet healthcare needs of young populations and individuals in suboptimal health conditions are the key issue of currently observed epidemics of non-communicable disorders. Moreover, an unprecedented decrease in the average age of onset of these disorders is recorded. The majority of non-communicable disorders carry a chronic character by progressing over a couple of years from a reversible suboptimal health condition to irreversible pathology with collateral complications. The time-frame between both conditions is the operational area for predictive diagnosis and identification of persons at risk by innovative screening programmes followed by the most cost-effective personalised treatment possible, namely primary prevention tailored to the person. The book propagates the paradigm change from delayed, costly but frequently ineffective medical services to the holistic approach by predictive, preventive and personalised medicine clearly demonstrating multifaceted benefits to the individual, healthcare sector and society as a whole. The book is focused on the needs of young people: teenagers, adolescents and young adults; regardless of the age, individuals in suboptimal health conditions, who are interested in remaining healthy by optimising their modifiable risk factors - both endogenous and exogenous ones; several patient cohorts demonstrating similar phenotype of Flammer syndrome. The book is based on the multi-professional expertise, scientific excellence and practical experiences of the world-acknowledged experts in Flammer syndrome, predictive diagnostics, targeted prevention and personalised medicine, amongst others. The topic of this book is particularly relevant to general practitioners, experts in non-communicable diseases, phenotyping, genotyping, multilevel diagnostics, targeted prevention, personalised medicine, as well as the readers interested in advancing their health literacy.

Friction Stir Welding and Processing VII

Springer This collection focuses on all aspects of science and technology related to friction stir welding and processing.