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KEY=MANUAL - FARRELL HARDY

BIM Handbook

A Guide to Building Information Modeling for Owners, Designers, Engineers, Contractors, and Facility Managers

John Wiley & Sons Discover BIM: A better way to build better buildings Building Information Modeling (BIM) offers a novel approach to design, construction, and facility management in which a digital representation of the building product and process is used to facilitate the exchange and interoperability of information in digital format. BIM is beginning to change the way buildings look, the way they function, and the ways in which they are designed and built. The BIM Handbook, Third Edition provides an in-depth understanding of BIM technologies, the business and organizational issues associated with its implementation, and the profound advantages that effective use of BIM can provide to all members of a project team. Updates to this edition include: Information on the ways in which professionals should use BIM to gain maximum value New topics such as collaborative working, national and major construction clients, BIM standards and guides A discussion on how various professional roles have expanded through the widespread use and the new avenues of BIM practices and services A wealth of new case studies that clearly illustrate exactly how BIM is applied in a wide variety of conditions Painting a colorful and thorough picture of the state of the art in building information modeling, the BIM Handbook, Third Edition guides readers to successful implementations, helping them to avoid needless frustration and costs and take full advantage of this paradigm-shifting approach to construct better buildings that consume fewer materials and require less time, labor, and capital resources.

Risk Management

Concepts and Guidance

Design, Operation and Training Manual for an Intensive Culture Shrimp Hatchery

DIANE Publishing Covers two species Penaeus monodon and Penaeus vannamei. It is organized into three main parts (Design, Operation, and Training). The design part focuses on two hatcheries and gives detailed plans of their construction as well as other options. The operation portion of the manual details the procedures for most efficient operation of a specific hatchery. This manual consists of compiled, presently known information important for training new personnel. Contains enough detail to provide the newcomer with knowledge to run a hatchery and provides details to assist the experienced hatchery manager. Illustrated.

Handbook of Communication and Social Interaction Skills

*Psychology Press Providing a thorough review and synthesis of work on communication skills and skill enhancement, this Handbook serves as a comprehensive and contemporary survey of theory and research on social interaction skills. Editors John O. Greene and Brant R. Burleson have brought together preeminent researchers and writers to contribute to this volume, establishing a foundation on which future study and research will build. The handbook chapters are organized into five major units: general theoretical and methodological issues (models of skill acquisition, methods of skill assessment); fundamental interaction skills (both transfunctional and transcontextual); function-focused skills (informing, persuading, supporting); skills used in management of diverse personal relationships (friendships, romances, marriages); and skills used in varied venues of public and professional life (managing leading, teaching). Distinctive features of this handbook include: * broad, comprehensive treatment of work on social interaction skills and skill acquisition; * up-to-date reviews of research in each area; and * emphasis on empirically supported strategies for developing and enhancing specific skills. Researchers in communication studies, psychology, family studies, business management, and related areas will find this volume a comprehensive, authoritative source on communications skills and their enhancement, and it will be essential reading for scholars and students across the spectrum of disciplines studying social interaction.*

Simulation Modeling Handbook

A Practical Approach

CRC Press The use of simulation modeling and analysis is becoming increasingly more popular as a technique for improving or investigating process performance. This book is a practical, easy-to-follow reference that offers up-to-date information and step-by-step procedures for conducting simulation studies. It provides sample simulation project support materi

Reflow Soldering Processes

Newnes Focused on technological innovations in the field of electronics packaging and production, this book elucidates the changes in reflow soldering processes, its impact on defect mechanisms, and, accordingly, the troubleshooting techniques during these processes in a variety of board types. Geared toward electronics manufacturing process engineers, design engineers, as well as students in process engineering classes, Reflow Soldering Processes and Troubleshooting will be a strong contender in the continuing skill development market for manufacturing personnel. Written using a very practical, hands-on approach, Reflow Soldering Processes and Troubleshooting provides the means for engineers to increase their understanding of the principles of soldering, flux, and solder paste technology. The author facilitates learning about other essential topics, such as area array packages--including BGA, CSP, and FC designs, bumping technique, assembly, and rework process,--and provides an increased understanding of the reliability failure modes of soldered SMT components. With cost effectiveness foremost in mind, this book is designed to troubleshoot errors or problems before boards go into the manufacturing process, saving time and money on the front end. The author's vast expertise and knowledge ensure that coverage of topics is expertly researched, written, and organized to best meet the needs of manufacturing process engineers, students, practitioners, and anyone with a desire to learn more about reflow soldering processes. Comprehensive and indispensable, this book will prove a perfect training and reference tool that readers will find invaluable. Provides engineers the cutting-edge technology in a rapidly changing field Offers in-depth coverage of the principles of soldering, flux, solder paste technology, area array packages--including BGA, CSP, and FC designs, bumping technique, assembly, and the rework process

Project Management for Information Professionals

Chandos Publishing Aimed at practitioners, this handbook imparts guidance on project management techniques in the cultural heritage sector. Information professionals often direct complex endeavors with limited project management training or resources. Project Management for Information Professionals demystifies the tools and processes essential to successful project management and advises on how to manage the interpersonal dynamics and organizational culture that influence the effectiveness of these methods. With this book, readers will gain the knowledge to initiate, plan, execute, monitor, and close projects. offers guidance based on real-world experience prepares readers without prior project management knowledge or experience provides lean, easy-to-read, and jargon-free instructions aimed at information professionals working in libraries, archives, museums

Handbook of Resilience in Children

Springer Science & Business Media Today's children face a multitude of pressures, from the everyday challenges of life to the increasing threats of poverty, exploitation, and trauma. Central to growing up successfully is learning to deal with stress, endure hardships, and thrive despite adversity. Resilience – the ability to cope with and overcome life's difficulties – is a quality that can potentially be nurtured in all young people. The second edition of the Handbook of Resilience in Children updates and expands on its original focus of resilience in children who overcome adversity to include its development in those not considered at risk, leading to better outcomes for all children across the lifespan. Expert contributors examine resilience in relation to environmental stressors, as a phenomenon in child and adolescent disorders, and as a means toward positive adaptation into adulthood. New and revised chapters explore strategies for developing resilience in the family, the therapist's office, and the school as well as its nurturance in caregivers and teachers. Topics addressed include: Resilience in maltreated children and adults. Resilience and self-control impairment. Relational resilience in young and adolescent girls. Asset-building as an essential component of treatment. Assessment of social and emotional competencies related to resilience. Building resilience through school bullying prevention programs. Large-scale longitudinal studies on resilience. The second edition of the Handbook of Resilience in Children is a must-have reference for researchers, clinicians, allied practitioners and professionals, and graduate students in school and clinical psychology, education, pediatrics, psychiatry, social work, school counseling, and public health.

Disentangling Migration and Climate Change Methodologies, Political Discourses and Human Rights

Springer Science & Business Media This book addresses environmental and climate change induced migration from the vantage point of migration studies, offering a broad spectrum of approaches for considering the environment/climate/migration nexus. Research on the subject is still frequently narrowed down to climate change vulnerability and the environmental push factor. The book establishes the interconnections between societal and environmental vulnerability, and migration and capability, allowing appreciation of migration in the frame of climate as a case of spatial and social mobility, that is, as a strategy of persons and groups to deal with a grossly unequal distribution of life chances across the world. In their introduction, the editors fan out the current debate and state the need to transcend predominantly policy-oriented approaches to migration. The first section of the volume focuses on "Methodologies and Methods" and presents very distinct approaches to think climate induced migration. Subsequent chapters explore the sensitivity of existing migration flows to climate change in Ghana and Bangladesh, the complex relationship between migration, demographic change and coping capacities in Canada, methodological challenges of a household survey on the significance of migration and remittances for adaptation in the Hindu Kush region and an econometric study of the aftermath of the 1998 floods in Bangladesh. The second part, "Areas of Concern: Politics and Human Rights", deepens the analysis of discourses as well as of the implications of proposed and implemented policies. Contributors discuss such topics as environmental migration as a multi-causal problem, climate migration as a consequence in an alarmist discourse and climate migration as a solution. A study of an integrated relocation program in Papua New Guinea is followed by chapters on the promise and the flaws of planned relocation policy, global policy on protection of environmental migrants including both internally displaced peoples and those who cross international borders. A concluding chapter places human agency at centre stage and explores the interplay between human rights, capability and migration.

Non Invasive Brain Stimulation in Psychiatry and Clinical Neurosciences

Springer Nature This book presents the state of the art regarding the use of non-invasive brain stimulation (TMS and tDCS) in the research and treatment of neuropsychiatric disorders. The contributions, all of which were prepared by internationally recognized experts in the field, are divided into two main sections (for TMS and tDCS, respectively) across diagnoses, following an introductory section on the mechanisms of action and neurophysiological background. Neuropsychological perspectives and approaches are provided as well. The book is ultimately intended to offer a unique, integrated approach to the use of non-invasive brain stimulation across the clinical neurosciences, providing a comprehensive and updated perspective that will benefit psychiatrists, neurologists, clinical psychologists and neurophysiologists alike.

Conservation Biology for All

OUP Oxford Conservation Biology for All provides cutting-edge but basic conservation science to a global readership. A series of authoritative chapters have been written by the top names in conservation biology with the principal aim of disseminating cutting-edge conservation knowledge as widely as possible. Important topics such as balancing conservation and human needs, climate change, conservation planning, designing and analyzing conservation research, ecosystem services, endangered species management, extinctions, fire, habitat loss, and invasive species are covered. Numerous textboxes describing additional relevant material or case studies are also included. The global biodiversity crisis is now unstoppable; what can be saved in the developing world will require an educated constituency in both the developing and developed world. Habitat loss is particularly acute in developing countries, which is of special concern because it tends to be these locations where the greatest species diversity and richest centres of endemism are to be found. Sadly, developing world conservation scientists have found it difficult to access an authoritative textbook, which is particularly ironic since it is these countries where the potential benefits of knowledge application are greatest. There is now an urgent need to educate the next generation of scientists in developing countries, so that they are in a better position to protect their natural resources.

Local Knowledge

Further Essays In Interpretive Anthropology

Basic Books In essays covering everything from art and common sense to charisma and constructions of the self, the eminent cultural anthropologist and author of *The Interpretation of Cultures* deepens our understanding of human societies through the intimacies of "local knowledge." A companion volume to *The Interpretation of Cultures*, this book continues Geertz's exploration of the meaning of culture and the importance of shared cultural symbolism. With a new introduction by the author.

Maintenance Excellence

Optimizing Equipment Life-Cycle Decisions

CRC Press Considering maintenance from a proactive, rather than reactive, perspective, *Maintenance Excellence* details the strategies, tools, and solutions for maximizing the productivity of physical assets—focusing on profitability potential. The editors address contemporary concerns, key terms, data requirements, critical methodologies, and essential mathematical needs. They present maintenance in a business context, review planning, measurement, feedback, and techniques related to cost, efficiency, and results, and summarize applications of tools and software from statistics and neural networks to cost-optimized models.

Environmental Management in Construction

A Quantitative Approach

Routledge Demands on the construction industry are changing, and it is now virtually essential for environmental management to be considered at all stages of a project. Many construction managers are finding a quantitative approach useful, and this book outlines four quantitative methods which can be applied at different construction stages, and which fit within a comprehensive framework of dynamic Environmental Impact Assessment (EIA). These include: a method to quantitatively evaluate and reduce pollution and hazards levels a method to evaluate the environmental-consciousness of proposed construction plans a method to reduce on-site construction wastes through an incentive reward programme a method to promote C and D waste exchange in the local construction industry. With an experimental case study of the application of these methods, this book delivers a comprehensive review of environmental management issues in construction. With regulatory requirements potentially favouring the quantitative approach, this timely guide ensures that contractors will be able to keep pace with environmental management standards.

Networks of Outrage and Hope

Social Movements in the Internet Age

John Wiley & Sons *Networks of Outrage and Hope* is an exploration of the new forms of social movements and protests that are erupting in the world today, from the Arab uprisings to the indignadas movement in Spain, from the Occupy Wall Street movement to the social protests in Turkey, Brazil and elsewhere. While these and similar social movements differ in many important ways, there is one thing they share in common: they are all interwoven inextricably with the creation of autonomous communication networks supported by the Internet and wireless communication. In this new edition of his timely and important book, Manuel Castells examines the social, cultural and political roots of these new social movements, studies their innovative forms of self-organization, assesses the precise role of technology in the dynamics of the movements, suggests the reasons for the support they have found in large segments of society, and probes their capacity to induce political change by influencing people's minds. Two new chapters bring the analysis up-to-date and draw out the implications of these social movements and protests for understanding the new forms of social change and political democracy in the global network society.

BIM Handbook

A Guide to Building Information Modeling for Owners, Managers, Designers, Engineers and Contractors

John Wiley & Sons "The BIM Handbook is an extensively researched and meticulously written book, showing evidence of years of work rather than something that has been quickly put together in the course of a few months. It brings together most of the current information about BIM, its history, as well as its potential future in one convenient place, and can serve as a handy reference book on BIM for anyone who is involved in the design, construction, and operation of buildings and needs to know about the technologies that support it. The need for such a book is indisputable, and it is terrific that Chuck Eastman and his team were able to step up to the plate and make it happen. Thanks to their efforts, anyone in the AEC industry looking for a deeper understanding of BIM now knows exactly where to look for it." —AECbytes book review, August 28, 2008 (www.aecbytes.com/review/2008/BIMHandbook.html) DISCOVER BIM: A BETTER WAY TO BUILD BETTER BUILDINGS Building Information Modeling (BIM) offers a novel approach to design, construction, and facility management in which a digital representation of the building process is used to facilitate the exchange and interoperability of information

in digital format. BIM is beginning to change the way buildings look, the way they function, and the ways in which they are designed and built. The *BIM Handbook, Second Edition* provides an in-depth understanding of BIM technologies, the business and organizational issues associated with its implementation, and the profound advantages that effective use of BIM can provide to all members of a project team. Updates to this edition include: Completely updated material covering the current practice and technology in this fast-moving field Expanded coverage of lean construction and its use of BIM, with special focus on Integrated Project Delivery throughout the book New insight on the ways BIM facilitates sustainable building New information on interoperability schemas and collaboration tools Six new case studies Painting a colorful and thorough picture of the state of the art in building information modeling, the *BIM Handbook, Second Edition* guides readers to successful implementations, helping them to avoid needless frustration and costs and take full advantage of this paradigm-shifting approach to construct better buildings that consume fewer materials and require less time, labor, and capital resources.

Observing the Volcano World

Volcano Crisis Communication

Springer This open access book provides a comprehensive overview of volcanic crisis research, the goal being to establish ways of successfully applying volcanology in practice and to identify areas that need to be addressed for future progress. It shows how volcano crises are managed in practice, and helps to establish best practices. Consequently the book brings together authors from all over the globe who work with volcanoes, ranging from observatory volcanologists, disaster practitioners and government officials to NGO-based and government practitioners to address three key aspects of volcanic crises. First, the book explores the unique nature of volcanic hazards, which makes them a particularly challenging threat to forecast and manage, due in part to their varying spatial and temporal characteristics. Second, it presents lessons learned on how to best manage volcanic events based on a number of crises that have shaped our understanding of volcanic hazards and crises management. Third, it discusses the diverse and wide-ranging aspects of communication involved in crises, which merge old practices and new technologies to accommodate an increasingly challenging and globalised world. The information and insights presented here are essential to tapping established knowledge, moving towards more robust volcanic crises management, and understanding how the volcanic world is perceived from a range of standpoints and contexts around the globe.

Handbook of Marine Fisheries Conservation and Management

Oxford University Press This handbook is the most comprehensive and interdisciplinary work on marine conservation and fisheries management ever compiled. It is the first to bridge fisheries and marine conservation issues. Its innovative ideas, detailed case studies, and governance framework provide a global special perspective over time and treat problems in the high seas, community fisheries, industrial fishing, and the many interactions between use and non-use of the oceans. Its policy tools and ideas for overcoming the perennial problems of over fishing, habitat and biodiversity loss address the facts that many marine ecosystems are in decline and plagued by overexploitation due to unsustainable fishing practices. An outstanding feature of the book is the detailed case-studies on conservation practice and fisheries management from around the world. These case studies are combined with 'foundation' chapters that provide an overview of the state of the marine world and innovative and far reaching perspectives about how we can move forward to face present and future challenges. The contributors include the world's leading fisheries scientists, economists, and managers. Ecosystem and incentive-based approaches are described and complemented by tools for cooperative, participatory solutions. Unique themes treated: fisher behavior and incentives for management beyond rights-based approaches; a synthesis of proposed 'solutions'; a framework for understanding and overcoming the critical determinants of the decline in fisheries, degradation of marine ecosystems, and poor socio-economic performance of many fishing communities; models for innovative policy instruments; a plan of action and adoption pathways to promote sustainable fishing practices globally. Collectively, the handbook's many valuable contributions offer a way forward to both understanding and resolving the multifaceted problems facing the world's oceans.

Building Code Requirements for Structural Concrete (ACI 318-05) and Commentary (ACI 318R-05)

American Concrete Institute

Plankton Ecology of the Southwestern Atlantic

From the Subtropical to the Subantarctic Realm

Springer This book integrates a variety of issues such as regional settings of productivity and nutrient cycling; plankton of coastal and shelf systems; plankton, climate change and human-induced changes; harmful algae and their impacts; and gelatinous zooplankton. This book explores the intriguing marine plankton communities of the SWA region of South America encompassing low to high latitude environments, framed by a complex hydrographic background and global climate change. This vast and iconic region has been largely under-recognized and under-studied. However, in recent years a strong interest has emerged along with the acknowledgment of its high biological productivity. The book concludes by discussing conservation in the region, highlighting regional biodiversity hotspots where the challenges of climate change, habitat loss, and other threats to biodiversity may be particularly acute. *Plankton Ecology of the Southwestern Atlantic* is a timely synthesis of the field, setting a new baseline for future research. It will be important reading for both researchers and graduate students, and will also be of interest and use to a professional audience of oceanographers, conservation biologists, stake holders and educated science enthusiasts

Agile Processes in Software Engineering and Extreme Programming

11th International Conference, XP 2010, Trondheim, Norway, June 1-4, 2010, Proceedings

Springer Science & Business Media This book contains the refereed proceedings of the 11th International Conference on Agile Software Development, XP 2010, held in Trondheim, Norway, in June 2010. In order to better evaluate the submitted papers and to highlight the applicational aspects of agile software practices, there were two different program committees, one for research papers and one for experience reports. Regarding the research papers, 11 out of 39 submissions were accepted as full papers; and as far as the experience reports were concerned, the respective number was 15 out of 50 submissions. In addition to these papers, this volume also includes the short research papers, the abstracts of the posters, the position papers of the PhD symposium, and the abstracts of the panel on "Collaboration in an Agile World".

Collaboration Across Boundaries for Social-Ecological Systems Science

Experiences Around the World

Springer Collaboration across boundaries is widely recognized as a vital requisite for the advancement of innovative science to address problems such as environmental degradation and global change. This book takes collaboration across boundaries seriously by focusing on the many challenges and practices involved in team science when spanning disciplinary, organizational, national and other divides. The authors draw on a shared framework for managing the challenges of collaboration across boundaries as applied to the science of understanding complex social-ecological systems. Teams working across boundaries on diverse social-ecological systems in countries around the world report their challenges and share their practices, outcomes and lessons learned. From these diverse experiences arise many commonalities and also some important differences. These provide the basis for a set of recommendations to any collaborators intending to use science as a tool to better understand social-ecological systems and to improve their management and governance.

Oxford Textbook of Movement Disorders

Oxford University Press Part of the *Oxford Textbooks in Clinical Neurology (OTCN)* series, this volume covers the basic science and clinical concepts underlying the movement disorders, as well as the diagnosis and treatment of individual hypokinetic and hyperkinetic movement disorders.

Skin Tissue Models

Academic Press *Skin Tissue Models* provides a translational link for biomedical researchers on the interdisciplinary approaches to skin regeneration. As the skin is the largest organ in the body, engineered substitutes have critical medical application to patients with disease and injury - from burn wounds and surgical scars, to vitiligo, psoriasis and even plastic surgery. This volume offers readers preliminary description of the normal structure and function of mammalian skin, exposure to clinical problems and disease, coverage of potential therapeutic molecules and testing, skin substitutes, models as study platforms of skin biology and emerging technologies. The editors have created a table of contents which frames the relevance of skin tissue models for researchers as platforms to study skin biology and therapeutic approaches for different skin diseases, for clinicians as tissue substitutes, and for cosmetic and pharmaceutical industries as alternative test substrates that can replace animal models. Offers descriptions of the normal structure/function of mammalian skin, exposure to clinical problems, and more Presents coverage of skin diseases (cancer, genodermatoses, vitiligo and psoriasis) that extends to clinical requirements and skin diseases in vitro models Addresses legal requirements and ethical concerns in drugs and cosmetics in vitro testing Edited and authored by internationally renowned group of researchers, presenting the broadest coverage possible

International Encyclopedia of Hospitality Management

Butterworth-Heinemann The International Encyclopedia of Hospitality Management is the definitive reference work for any individual studying or working in the hospitality industry. This new edition updates and significantly revises 25% of the entries and has an additional 20 new entries. New online material makes it the most up-to-date and accessible Hospitality Management encyclopedia on the market. It covers all of the relevant issues in the field of hospitality management from both a sectoral level: Lodging, Restaurants/Food service, Time-share, Clubs and Events as well as a functional one: Accounting & Finance, Marketing, Strategic Management, Human Resources, Information Technology and Facilities Management. Its unique user-friendly structure enables readers to find exactly the information they require at a glance; whether they require broad detail which takes a more crosssectional view across each subject field, or more focused information which looks closely at specific topics and issues within the hospitality industry today.

Advances in Emerging Trends and Technologies

Volume 1

Springer Nature This book constitutes the proceedings of the 1st International Conference on Advances in Emerging Trends and Technologies (ICAETT 2019), held in Quito, Ecuador, on 29–31 May 2019, jointly organized by Universidad Tecnológica Israel, Universidad Técnica del Norte, and Instituto Tecnológico Superior Rumiñahui, and supported by SNOTRA. ICAETT 2019 brought together top researchers and practitioners working in different domains of computer science to share their expertise and to discuss future developments and potential collaborations. Presenting high-quality, peer-reviewed papers, the book discusses the following topics: Technology Trends Electronics Intelligent Systems Machine Vision Communication Security e-Learning e-Business e-Government and e-Participation

Community Psychology

Psychology Press Community Psychology, 5/e focuses on the prevention of problems, the promotion of well-being, empowerment of members within a community, the appreciation of diversity, and an ecological model for the understanding of human behavior. Attention is paid to both “classic” early writings and the most recent journal articles and reviews by today’s practitioners and researchers. Historical and alternative methods of effecting social change are explored in this book, with the overall theme that the environment is as important as the individual in it. This text is available in a variety of formats – digital and print. Learning Goals Upon completing this book, readers will be able to: Understand the historical and contemporary principles of community psychology. Apply theory and research to social services, mental health, health, legal, and public health systems

Music Data Mining

CRC Press The research area of music information retrieval has gradually evolved to address the challenges of effectively accessing and interacting large collections of music and associated data, such as styles, artists, lyrics, and reviews. Bringing together an interdisciplinary array of top researchers, Music Data Mining presents a variety of approaches to successfully employ data mining techniques for the purpose of music processing. The book first covers music data mining tasks and algorithms and audio feature extraction, providing a framework for subsequent chapters. With a focus on data classification, it then describes a computational approach inspired by human auditory perception and examines instrument recognition, the effects of music on moods and emotions, and the connections between power laws and music aesthetics. Given the importance of social aspects in understanding music, the text addresses the use of the Web and peer-to-peer networks for both music data mining and evaluating music mining tasks and algorithms. It also discusses indexing with tags and explains how data can be collected using online human computation games. The final chapters offer a balanced exploration of hit song science as well as a look at symbolic musicology and data mining. The multifaceted nature of music information often requires algorithms and systems using sophisticated signal processing and machine learning techniques to better extract useful information. An excellent introduction to the field, this volume presents state-of-the-art techniques in music data mining and information retrieval to create novel ways of interacting with large music collections.

Father Involvement in Young Children’s Lives

A Global Analysis

Springer Science & Business Media This vital addition to Springer’s ‘Educating the Young Child’ series addresses gaps in the literature on father involvement in the lives of young children, a topic with a fast-rising profile in today’s world of female breadwinners and single-parent households. While the significant body of theoretical understanding and empirical data accumulated in recent decades has done much to characterize the fluidity of evolving notions of fatherhood, the impact of this understanding on policy and legal frameworks has been uneven at an international level. In a field where groups of fathers were until recently marginalized in research, this book adopts a refreshingly inclusive attitude, aiming to motivate researchers to capture the nuanced practices of fathers in minority groups such as those who are homeless, gay, imprisoned, raising a disabled child, or from ethnically distinct backgrounds, including Mexican- and African-American and indigenous fathers. The volume includes chapters highlighting the unique challenges and possibilities of father involvement in their children’s early years of development. Contributing authors have integrated theories, research, policies, and programs on father involvement so as to attract readers with diverse interest and expertise, and material from selected countries in Asia, Australia, and Africa, as well as North America, evinces the international scope of their analysis. Their often interdisciplinary analyses draw, too, on historical and cultural legacies, even as they project a vision of the future in which fathers’ involvement in their young children’s lives develops alongside the changing political, economic and educational landscapes around the world.

Oceans and Health:

Pathogens in the Marine Environment

Springer Science & Business Media It is surprising how little is actually known about the fate of wastewater bacteria once they enter the sea. This wide-ranging work is one of the first to unravel the mechanisms determining bacterial sensitivity or survival under these conditions.

Neurological Complications of Infectious Diseases

Humana This book offers a comprehensive review of the most common infectious diseases that affect the nervous system. Written by international experts, it provides a guide to clinicians for accurately diagnosing and treating these challenging syndromes. Organized into six sections, the book presents didactic, up-to-date information on the following topics relating to central nervous system (CNS) infections: diagnosis and evaluation of the patient, bacterial, viral, fungal and mycobacterial infections, disorders of the spinal cord, and a myriad of miscellaneous infections. Chapters specifically reflect and look to resolve the common obstacles clinicians face in the field, such as having unknown etiologies on the majority of CNS infections, insensitive and slow microbiological techniques, an increasing number of immunosuppressed individuals with atypical presentations and pathogens, and a lack of standardized diagnostic algorithms. A complex yet accessible addition to the Current Clinical Neurology Series, Neurological Complications of Infectious Diseases invaluablely examines a wide range of infections that have neurological complications and sequelae.

Systems Analysis and Design

An Object-Oriented Approach with UML

Wiley Global Education Systems Analysis and Design: An Object-Oriented Approach with UML, Sixth Edition helps students develop the core skills required to plan, design, analyze, and implement information systems. Offering a practical hands-on approach to the subject, this textbook is designed to keep students focused on doing SAD, rather than simply reading about it. Each chapter describes a specific part of the SAD process, providing clear instructions, a detailed example, and practice exercises. Students are guided through the topics in the same order as professional analysts working on a typical real-world project. Now in its sixth edition, this edition has been carefully updated to reflect current methods and practices in SAD and prepare students for their future roles as systems analysts. Every essential area of systems analysis and design is clearly and thoroughly covered, from project management, to analysis and design modeling, to construction, installation, and operations. The textbook includes access to a range of teaching and learning resources, and a running case study of a fictitious healthcare company that shows students how SAD concepts are applied in real-life scenarios.

Building Code Requirements for Structural Concrete

(ACI 318-14) ; and Commentary (ACI 318R-14)

Educational Opportunities in Integrative Medicine

The A to Z Healing Arts Guide and Professional Resource Directory

The Hunter Press Surveys the nine medical licenses as well as fifty nondegree healing modalities—including history, philosophy, basic techniques, and methods—and provides information on career and training opportunities.

Anesthesia in High-Risk Patients

Springer This book describes the approach to anesthetic and perioperative management in different categories of high-risk patient scheduled to undergo elective noncardiac surgery. Individual sections focus on patients with conditions entailing cardiac and hemodynamic risks, respiratory risks, renal and metabolic risks, neurological risks, and other forms of risk. For each condition, up-to-date guidance is provided on risk evaluation, risk stratification, and intraoperative and postoperative anesthetic management. This is the first time that such different clinical situations have been gathered together in a single textbook of anesthesiology. All of the authors are international experts with extensive clinical experience. The aim is to provide trainee anesthesiologists with clear guidance that will prove invaluable when managing a wide range of patients with serious illnesses or conditions that pose a significant anesthetic risk. The book will also serve as a valuable reference for more experienced anesthesiologists and intensivists.

Digital Finance in Europe: Law, Regulation, and Governance

de Gruyter This special volume collects contributions from leading scholars who scrutinize the challenges digital finance presents for the EU internal market and financial market regulation from multiple public policy perspectives. Author contributions aim to

Aquaculture, Resource Use, and the Environment

John Wiley & Sons Aquaculture, Resource Use, and the Environment places aquaculture within the larger context of global population growth, increased demand for sustainable, reliable sources of food, and the responsible use of natural resources. Aquaculture production has grown rapidly in recent decades as over-exploitation and environmental degradation have drastically reduced wild fish stocks. As fish production has increased, questions have persisted about the environmental sustainability of current aquaculture practices. Aquaculture, Resource Use, and the Environment is a timely synthesis and analysis of critical issues facing the continued growth and acceptance of aquaculture practices and products. Chapters look at the past, present, and future demands for food, aquaculture production, and tackle key issues ranging from environmental impacts of aquaculture to practical best management practices in aquaculture production. Providing broad coverage of issues that are essential to the continued development of aquaculture production, Aquaculture, Resource Use, and the Environment will be vital resource for anyone involved in the field of aquaculture.

Agriculture Productivity in Tunisia Under Stressed Environment

Springer Nature This book highlights recent efforts to sustain agricultural productivity in Tunisia under a stressed environment and aridity conditions. This book's authors gathered a unique set of applications and approaches, including techniques applied to increase yield and preserve the environment, such as organic farming and using biochar amendment and its effects on soils' physicochemical properties. This book also presents water resources management and water management practices for sustainable soil production, diagnosis, and new farming technologies to enhance water-use efficiency. The book also addresses current livestock strategies intended to maintain production sustainability, increase fish productivity, and initiatives for sustainable tourism development. Given its scope, the book offers a valuable guide for policy planners, decision-makers, stakeholders, researchers, and graduate students in Tunisia and neighboring countries with similarly stressed environmental conditions.

Global Assessment Report on Disaster Risk Reduction 2019

United Nations The Global Assessment Report on Disaster Risk Reduction (GAR) is the flagship report of the United Nations on worldwide efforts to reduce disaster risk. The GAR is published biennially by the UN Office for Disaster Risk Reduction (UNDRR), and is the product of the contributions of nations, public and private risk-related science and research, amongst others. The GAR contributes to achieving the Sendai Framework for Disaster Risk Reduction and the 2030 Agenda for Sustainable Development through monitoring risk patterns and trends, as well as progress in disaster risk reduction, while providing strategic policy guidance to countries and the international community. The GAR aims to focus international attention on the issue of risk and encourage political and economic support for risk reduction.

Language Interpretation and Communication

Springer Science & Business Media Language Interpretation and Communication: a NATO Symposium, was a multi-disciplinary meeting held from September 26 to October 1st 1977 at the Giorgio Cini Foundation on the Isle of San Giorgio Maggiore in Venice. The Symposium explored both applied and theoretical aspects of conference interpretation and of sign language interpretation. The Symposium was sponsored by the Scientific Affairs Division of the North Atlantic Treaty Organisation, and we would like to express our thanks to Dr. B. A. Bayraktar of the Scientific Affairs Division and to the Members of the NATO Special Programme Panel on Human Factors for their support. We would also like to thank Dr. F. Benvenuti and his colleagues at the University of Venice for their generous provision of facilities and hospitality for the opening session of the Symposium. Our thanks are also due to Dr. Ernesto Talentino and his colleagues at the Giorgio Cini Foundation who provided such excellent conference facilities and thus helped ensure the success of the meeting. Finally, we would like to express our appreciation and thanks to Becky Graham and Carol Blair for their invaluable contributions to the organization of the Symposium, to Ida Stevenson who prepared these proceedings for publication, and to Donald I. MacLeod who assisted with the final preparation of the manuscript.