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## Handbook on Restorative Justice Programmes

*United Nations Publications* The present handbook offers, in a quick reference format, an overview of key considerations in the implementation of participatory responses to crime based on a restorative justice approach. Its focus is on a range of measures and programmes, inspired by restorative justice values, that are flexible in their adaptation to criminal justice systems and that complement them while taking into account varying legal, social and cultural circumstances. It was prepared for the use of criminal justice officials, non-governmental organizations and community groups who are working together to improve current responses to crime and conflict in their community

## Introduction to Cell and Tissue Culture

### Theory and Technique

*Springer Science & Business Media* It is a pleasure to contribute the foreword to *Introduction to Cell and Tissue Culture: The ory and Techniques* by Mather and Roberts. Despite the occasional appearance of thought ful works devoted to elementary or advanced cell culture methodology, a place remains for a comprehensive and definitive volume that can be used to advantage by both the novice and the expert in the field. In this book, Mather and Roberts present the relevant method ology within a conceptual framework of cell biology, genetics, nutrition, endocrinology, and physiology that renders technical cell culture information in a comprehensive, logical for mat. This allows topics to be presented with an emphasis on troubleshooting problems from a basis of understanding the underlying theory. The material is presented in a way that is adaptable to student use in formal courses; it also should be functional when used on a daily basis by professional cell culturists in a- demia and industry. The volume includes references to relevant Internet sites and other use ful sources of information. In addition to the fundamentals, attention is also given to mod ern applications and approaches to cell culture derivation, medium formulation, culture scale-up, and biotechnology, presented by scientists who are pioneers in these areas. With this volume, it should be possible to establish and maintain a cell culture laboratory devot ed to any of the many disciplines to which cell culture methodology is applicable.

## National cyber security : framework manual

"What, exactly, is 'National Cyber Security'? The rise of cyberspace as a field of human endeavour is probably nothing less than one of the most significant developments in world history. Cyberspace already directly impacts every facet of human existence including economic, social, cultural and political developments, and the rate of change is not likely to stop anytime soon. However, the socio-political answers to the questions posed by the rise of cyberspace often significantly lag behind the rate of technological change. One of the fields most challenged by this development is that of 'national

security'. The National Cyber Security Framework Manual provides detailed background information and in-depth theoretical frameworks to help the reader understand the various facets of National Cyber Security, according to different levels of public policy formulation. The four levels of government--political, strategic, operational and tactical/technical--each have their own perspectives on National Cyber Security, and each is addressed in individual sections within the Manual. Additionally, the Manual gives examples of relevant institutions in National Cyber Security, from top-level policy coordination bodies down to cyber crisis management structures and similar institutions."--Page 4 of cover.

## Data Structures and Algorithms in Java

John Wiley & Sons The design and analysis of efficient data structures has long been recognized as a key component of the Computer Science curriculum. Goodrich, Tomassia and Goldwasser's approach to this classic topic is based on the object-oriented paradigm as the framework of choice for the design of data structures. For each ADT presented in the text, the authors provide an associated Java interface. Concrete data structures realizing the ADTs are provided as Java classes implementing the interfaces. The Java code implementing fundamental data structures in this book is organized in a single Java package, `net.datastructures`. This package forms a coherent library of data structures and algorithms in Java specifically designed for educational purposes in a way that is complimentary with the Java Collections Framework.

## Learning React

## Functional Web Development with React and Redux

"O'Reilly Media, Inc." If you want to learn how to build efficient user interfaces with React, this is your book. Authors Alex Banks and Eve Porcello show you how to create UIs with this small JavaScript library that can deftly display data changes on large-scale, data-driven websites without page reloads. Along the way, you'll learn how to work with functional programming and the latest ECMAScript features. Developed by Facebook, and used by companies including Netflix, Walmart, and The New York Times for large parts of their web interfaces, React is quickly growing in use. By learning how to build React components with this hands-on guide, you'll fully understand how useful React can be in your organization. Learn key functional programming concepts with JavaScript Peek under the hood to understand how React runs in the browser Create application presentation layers by mounting and composing React components Use component trees to manage data and reduce the time you spend debugging applications Explore React's component lifecycle and use it to load data and improve UI performance Use a routing solution for browser history, bookmarks, and other features of single-page applications Learn how to structure React applications with servers in mind

## Sustainable Consumption and Production

## A Handbook for Policymakers

UN "This Handbook is an output of UNEP's work towards the implementation of the 10-Year Framework of Programmes on Sustainable Consumption and Production (SCP). This global edition is based on a pilot edition for Asia and the Pacific region that was developed under the EU funded and UNEP managed Regional Policy Support Component of the SWITCH-Asia programme. It is designed to assist policymakers in developing, implementing, monitoring and evaluating policies that support the transition towards SCP. It includes numerous case studies highlighting SCP opportunities and existing successful initiatives from across the world."--Publisher's description.

## Proton Beam Radiotherapy

## Physics and Biology

Springer Nature This book offers a comprehensive, practical guide to understanding the physical and biological characteristics of proton beam radiotherapy. The application of proton beams to the treatment of solid cancers has expanded exponentially over the last decade due to their physical properties, which make it possible to administer higher doses of radiation to lesions with only a minimum dose to the surrounding healthy tissues. Accordingly, understanding the basic aspects of proton beam radiotherapy is a primary concern not only for medical physicists and radiation biologists, but also for all physicians involved in cancer treatment using proton beams. The major aspects discussed include the technique's development background, the generation and delivery system for proton beams, physical characteristics, biological consequences, dosimetry, and future prospects in both medical physics and radiation biology in terms of effective cancer treatment. Gathering contributions from experts who provide clear and detailed information on the basics of proton beams, the book will greatly benefit not only radiological technicians, medical physicists, and physicians, but also scientists in cancer radiotherapy.

## Adobe Acrobat DC Classroom in a Book

Adobe Press Adobe Acrobat DC Classroom in a Book, Third Edition, is the most thorough and comprehensive way for you to learn how to reliably create, edit, share, and sign PDF documents and forms with Adobe Acrobat DC. Each of the 13 lessons in this step-by-step, project-based guide contains a project that builds on your growing knowledge of the program, while end-of-chapter review questions reinforce each lesson. This cross-platform (Mac and Windows) book shows you how to collaborate effectively through electronic reviews, easily work with PDFs across multiple platforms and devices (including via the Adobe Document Cloud service), and speed up your production and business task workflows with Acrobat DC. You will learn how to easily convert files from any application to PDF and how to directly edit text and images in PDF documents. You'll also learn how to build PDF forms, and to speed up business workflow by gathering feedback and approval using new shared document review features. And you'll learn how to create interactive forms and track responses within Acrobat, add signatures and security to PDF files, work with companion Acrobat apps, and much more. All of the project files used in the book's lessons are available for download.

## Ultimate IQ Tests

### 1000 Practice Test Questions to Boost Your Brainpower

Kogan Page Publishers IQ tests are routinely encountered in recruitment for various industries, including for jobs in the government, armed forces, education as well as industry and commerce. Competition is fierce and employers are determined to cut the weak from the strong so it is essential for candidates to be prepared. Ultimate IQ Tests is the biggest book of IQ practice tests available. Written and compiled by experts in IQ testing and brain puzzles it contains 1000 practice questions organized into 25 tests, with a simple guide to assessing individual performance. With a brand new test in this edition, designed to be more challenging than the others so you can track progress, this is the best one-stop resource to mind puzzles. Working through the questions will help you to improve your vocabulary and develop powers of calculation and logical reasoning. From the best-selling Ultimate series, Ultimate IQ Tests is an invaluable resource if you have to take an IQ test, but it's also great fun if you like to stretch your mind for your own entertainment - and boost your brain power.

## Innovation and Interdisciplinary Solutions for Underserved Areas

### First International Conference, InterSol 2017 and Sixth Collogue National sur la

## Recherche en Informatique et ses Applications, CNRIA 2017, Dakar, Senegal, April 11-12, 2017, Proceedings

*Springer* This book constitutes the refereed post-conference proceedings of the First International Conference on Innovation and Interdisciplinary Solutions for Underserved Areas, InterSol 2017, and the 6th Colloque National sur la Recherche en Informatique et ses Applications (CNRIA), held in Dakar, Senegal, in April 2017. The 15 papers presented at InterSol were selected from 76 submissions and are grouped thematically in science, energy and environment, education, innovation, and healthcare. The proceedings also contain 13 papers from the co-located 6th CNRIA (Colloque National sur la Recherche en Informatique et ses Applications) focusing on network architecture and security, software engineering, data management, and signal processing.

## Freedom of Connection, Freedom of Expression

### The Changing Legal and Regulatory Ecology Shaping the Internet

*UNESCO* As this publication explains, freedom of expression is not just a by-product of technical change; it must be protected by legal and regulatory measures that balance a variety of potentially conflicting values and interests in a complex global ecology of choices. The impetus that this report provides for the prioritization of research in this field encourages further scrutiny of the multifaceted issues that govern the conditions for freedom of expression on the Internet. The findings of this research point to the need to better track a wider array of global, legal and regulatory trends. It is my hope that this publication proves to be a useful and informative resource for all users working in this domain, whether individual researchers, students or policy makers.

## UNESCO's Internet universality indicators

### a framework for assessing Internet development

*UNESCO Publishing*

## World Economic Outlook, October 2019

### Global Manufacturing Downturn, Rising Trade Barriers

*International Monetary Fund* Global growth is forecast at 3.0 percent for 2019, its lowest level since 2008-09 and a 0.3 percentage point downgrade from the April 2019 World Economic Outlook.

## On the Proposed Crimes Against Humanity Convention

*Torkel Opsahl Academic EPublisher* This anthology is about the need for and nature of a convention on crimes against humanity. It uses the Proposed Convention on the Prevention and Punishment of Crimes Against Humanity as an important reference point. 16 authors discuss how such a convention may consolidate the definition of crimes against humanity, and develop measures for their prevention and punishment, decades after the conclusion of the Genocide Convention and Geneva Conventions. The authors include Leila N. Sadat, Eleni Chaitidou, Darryl Robinson, Mar a Luisa Piqu , Travis Weber, Julie Pasch, Rhea Brathwaite, Christen Price, Rita Maxwell, Mary Kate Whalen, Ian Kennedy, SHANG Weiwei, ZHANG Yueyao and Tessa Bolton. It contains a preface by late Judge Hans-Peter Kaul and a foreword by Hans Corell. The book is inspired by the rationale of crimes against humanity to protect against the most serious violations of fundamental individual rights, and its realization especially through domestic mechanisms. Such consciousness calls upon appropriate definition and use of contextual elements of the crime, effective jurisdiction for prevention and prosecution, and robust inter-

State co-operation. The book considers individual State experiences in combating crimes against humanity. It underlines the importance of avoiding that the process to develop a new convention waters down the law of crimes against humanity or causes further polarisation between States in the area of international criminal law. It suggests that the scope of the obligation to prevent crimes against humanity will become a decisive question.

## Our Commons

## Political Ideas for a New Europe

*Our Commons: Political Ideas for a New Europe* is a collection of essays, case studies and interviews about the commons, featuring reflections on the enclosure of knowledge and the monopolisation of the digital sphere, stories about renewable energy cooperatives and community foodwaste initiatives and urgent pleas to see the city as a commons and to treat health as a common good. With contributions by Kate Raworth, David Bollier, George Monbiot and many others, *Our Commons* is a political call to arms to all Europeans to embrace the commons and build a new Europe. Sophie Bloemen and Thomas de Groot worked on this book for almost two years, working with academics, policy makers, authors and activists to paint a colourful picture of the commons as the blueprint for a new future, one that is inclusive, ecologically sustainable, equitable, democratic, collaborative, creative and resilient.

## Global Survey on Internet Privacy and Freedom of Expression

UNESCO "This publication seeks to identify the relationship between freedom of expression and Internet privacy, assessing where they support or compete with each other in different circumstances. The book maps out the issues in the current regulatory landscape of Internet privacy from the viewpoint of freedom of expression. It provides an overview of legal protection, self-regulatory guidelines, normative challenges, and case studies relating to the topic. With this publication UNESCO aims to provide its Member States and other stakeholders, national and international, with a useful reference tool containing up-to-date and sharp information on emerging issues relevant to both developed and developing countries. Multiple stakeholders, preferably in dialogue, can use it in their own spheres of operation, adapting where appropriate from the range of experiences as recorded in these pages. The publication also supplies additional sources of reference for interested readers to use to further investigate each of the subjects highlighted. The publication explores a range of issues, such as: (1) threats to privacy that have developed through the Internet, (2) international legal standards on privacy and responses to these emerging issues, (3) complex intersections between the rights to privacy and freedom of expression, (4) UNESCO recommendations to states and corporations for better practice, (5) overview of literature, background material and tools on international and national policy and practice on privacy and freedom of expression on the Internet. In the coming years, UNESCO will specifically seek to disseminate information about good practices and international collaboration concerning the points of intersection between freedom of expression and privacy. Research on safeguarding the principle of freedom of expression in Internet policy across a range of issues will continue to be part of UNESCO's normative mandate and technical advice to stakeholders."--Publisher's description

## Sams Teach Yourself C++ In One Hour A Day, 6/E

Pearson Education India

## Towards a Sustainable Bioeconomy: Principles, Challenges and Perspectives

Springer This book gathers contributions from scientists and industry representatives on achieving a sustainable bioeconomy. It also covers the social sciences, economics, business, education and the environmental sciences. There is an urgent need to optimise and maximise the use of biological resources, so that primary production and processing systems can generate more food, fibre and other bio-based products with less environmental impacts and lower greenhouse gas emissions. In other words, we need a "sustainable bioeconomy" - a term that encompasses the sustainable production of renewable resources from land, fisheries and aquaculture environments and their conversion into food, feed, fibre bio-based products and bio-energy, as well as related public goods. Despite the relevance of achieving a sustainable bioeconomy, there are very few publications in this field. Addressing that gap, this book illustrates how biological resources and ecosystems could be used in a more sustainable, efficient and integrated manner - in other words, how the principles of sustainable bioeconomy can be implemented in practice. Given its interdisciplinary nature, the field of sustainable bioeconomy offers a unique opportunity to address complex and interconnected challenges, while also promoting economic growth. It helps countries and societies to make a transition and to use resources more efficiently,



and shows how to rely less on biological resources to satisfy industry demands and consumer needs. The papers are innovative, cross-cutting and include many practice-based lessons learned, some of which are reproducible elsewhere. In closing, the book, prepared by the Inter-University Sustainable Development Research Programme (IUSDRP) and the World Sustainable Development Research and Transfer Centre (WSD-RTC), reiterates the need to promote a sustainable bioeconomy today.

## Space and Place

### The Perspective of Experience

U of Minnesota Press In the 25 years since its original publication, *Space and Place* has not only established the discipline of human geography, but it has proven influential in such diverse fields as theater, literature, anthropology, psychology, and theology. Eminent geographer Yi-Fu Tuan considers the ways in which people feel and think about space, how they form attachments to home, neighborhood, and nation, and how feelings about space and place are affected by the sense of time. He suggests that place is security and space is freedom: we are attached to the one and long for the other. Whether he is considering sacred versus "biased" space, mythical space and place, time in experiential space, or cultural attachments to space, Tuan's analysis is thoughtful and insightful.

## Principles and Techniques of Biochemistry and Molecular Biology

Cambridge University Press This best-selling undergraduate textbook provides an introduction to key experimental techniques from across the biosciences. It uniquely integrates the theories and practices that drive the fields of biology and medicine, comprehensively covering both the methods students will encounter in lab classes and those that underpin recent advances and discoveries. Its problem-solving approach continues with worked examples that set a challenge and then show students how the challenge is met. New to this edition are case studies, for example, that illustrate the relevance of the principles and techniques to the diagnosis and treatment of individual patients. Coverage is expanded to include a section on stem cells, chapters on immunochemical techniques and spectroscopy techniques, and additional chapters on drug discovery and development, and clinical biochemistry. Experimental design and the statistical analysis of data are emphasised throughout to ensure students are equipped to successfully plan their own experiments and examine the results obtained.

## Law for Business and Personal Use

Cengage Learning Explore the foundations of business law as well as the application of legal concepts to everyday life. *LAW FOR BUSINESS AND PERSONAL USE, 19E*, combines strong content and interactive technology with consistent, proven instruction to maintain student interest and support active learning. Coverage includes contracts, criminal law, environmental law, family law, and consumer protection. With more than 1,000 cases, *LAW FOR BUSINESS AND PERSONAL USE, 19E*, offers plenty of opportunities for case analysis and research. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

## Internet of Things From Hype to Reality

### The Road to Digitization

Springer This book comprehensively describes an end-to-end Internet of Things (IoT) architecture that is comprised of devices, network, compute, storage, platform, applications along with management and security components. It is organized into five main parts, comprising of a total of 11 chapters. Part I presents a generic IoT reference model to establish a common vocabulary for IoT solutions. This includes a detailed description of the Internet protocol layers and the Things (sensors and actuators) as well as the key business drivers to realize the IoT vision. Part II focuses on the IoT requirements that impact networking protocols and provides a layer-by-layer walkthrough of the protocol stack with emphasis on industry progress and key gaps. Part III introduces the concept of Fog computing and describes the drivers for the technology, its constituent elements, and how it relates and differs from Cloud computing. Part IV discusses the IoT services platform, the cornerstone of the solution followed by the Security functions and requirements. Finally, Part V provides a treatment of the topic of connected ecosystems in IoT along with practical applications. It then surveys the latest IoT standards and discusses the pivotal role of open source in IoT. "Faculty will find well-crafted questions and answers at the end of each chapter, suitable for review and in classroom discussion topics. In addition, the

material in the book can be used by engineers and technical leaders looking to gain a deep technical understanding of IoT, as well as by managers and business leaders looking to gain a competitive edge and understand innovation opportunities for the future." Dr. Jim Spohrer, IBM "This text provides a very compelling study of the IoT space and achieves a very good balance between engineering/technology focus and business context. As such, it is highly-recommended for anyone interested in this rapidly-expanding field and will have broad appeal to a wide cross-section of readers, i.e., including engineering professionals, business analysts, university students, and professors." Professor Nasir Ghani, University of South Florida

## Proton Therapy Physics

CRC Press *Proton Therapy Physics* goes beyond current books on proton therapy to provide an in-depth overview of the physics aspects of this radiation therapy modality, eliminating the need to dig through information scattered in the medical physics literature. After tracing the history of proton therapy, the book summarizes the atomic and nuclear physics background necessary for understanding proton interactions with tissue. It describes the physics of proton accelerators, the parameters of clinical proton beams, and the mechanisms to generate a conformal dose distribution in a patient. The text then covers detector systems and measuring techniques for reference dosimetry, outlines basic quality assurance and commissioning guidelines, and gives examples of Monte Carlo simulations in proton therapy. The book moves on to discussions of treatment planning for single- and multiple-field uniform doses, dose calculation concepts and algorithms, and precision and uncertainties for nonmoving and moving targets. It also examines computerized treatment plan optimization, methods for in vivo dose or beam range verification, the safety of patients and operating personnel, and the biological implications of using protons from a physics perspective. The final chapter illustrates the use of risk models for common tissue complications in treatment optimization. Along with exploring quality assurance issues and biological considerations, this practical guide collects the latest clinical studies on the use of protons in treatment planning and radiation monitoring. Suitable for both newcomers in medical physics and more seasoned specialists in radiation oncology, the book helps readers understand the uncertainties and limitations of precisely shaped dose distribution.

## Renewable Energy Resources

Taylor & Francis "This second edition maintains the book's basis on fundamentals, whilst including experience gained from the rapid growth of renewable energy technologies as secure national resources and for climate change mitigation, more extensively illustrated with case studies and worked problems. The presentation has been improved throughout, along with a new chapter on economics and institutional factors. Each chapter begins with fundamental theory from a scientific perspective, then considers applied engineering examples and developments, and includes a set of problems and solutions and a bibliography of printed and web-based material for further study. Common symbols and cross referencing apply throughout, essential data are tabulated in appendices. Sections on social and environmental aspects have been added to each technology chapter." -- back cover.

## Pharmaceutical Computer Systems Validation

## Quality Assurance, Risk Management and Regulatory Compliance

CRC Press Thoroughly revised to include the latest industry developments, the Second Edition presents a comprehensive overview of computer validation and verification principles and how to put them into practice. To provide the current best practice and guidance on identifying and implementing improvements for computer systems, the text extensively reviews r

## The Hunger Games

## Schrödinger's Killer App

## Race to Build the World's First Quantum Computer

CRC Press *The race is on to construct the first quantum code breaker, as the winner will hold the key to the entire Internet. From international, multibillion-dollar financial transactions to top-secret government communications, all would be vulnerable to the secret-code-breaking ability of the quantum computer. Written by a renowned quantum physicist closely involved in the U.S. government's development of quantum information science, Schrödinger's Killer App: Race to Build the World's First Quantum Computer presents an inside look at the government's quest to build a quantum computer capable of solving complex mathematical problems and hacking the public-key encryption codes used to secure the Internet. The "killer application" refers to Shor's quantum factoring algorithm, which would unveil the encrypted communications of the entire Internet if a quantum computer could be built to run the algorithm. Schrödinger's notion of quantum entanglement—and his infamous cat—is at the heart of it all. The book develops the concept of entanglement in the historical context of Einstein's 30-year battle with the physics community over the true meaning of quantum theory. It discusses the remedy to the threat posed by the quantum code breaker: quantum cryptography, which is unbreakable even by the quantum computer. The author also covers applications to other important areas, such as quantum physics simulators, synchronized clocks, quantum search engines, quantum sensors, and imaging devices. In addition, he takes readers on a philosophical journey that considers the future ramifications of quantum technologies. Interspersed with amusing and personal anecdotes, this book presents quantum computing and the closely connected foundations of quantum mechanics in an engaging manner accessible to non-specialists. Requiring no formal training in physics or advanced mathematics, it explains difficult topics, including quantum entanglement, Schrödinger's cat, Bell's inequality, and quantum computational complexity, using simple analogies.*

## Institutional Racism in Psychiatry and Clinical Psychology

### Race Matters in Mental Health

Springer *This book examines the deep roots of racism in the mental health system. Suman Fernando weaves the histories of racial discourse and clinical practice into a narrative of power, knowledge, and black suffering in an ostensibly progressive and scientifically grounded system. Drawing on a lifetime of experience as a practicing psychiatrist, he examines how the system has shifted in response to new forms of racism which have emerged since the 1960s, highlighting the widespread pathologization of black people, the impact of Islamophobia on clinical practice after 9/11, and various struggles to reform. Engaging and accessible, this book makes a compelling case for the entrenchment of racism across all aspects of psychiatry and clinical psychology, and calls for a paradigm shift in both theory and practice.*

## Adobe Photoshop CS6 Classroom in a Book

*Provides a series of lessons on the basic concepts, tools, techniques, and features of using Adobe Photoshop CS6, covering such topics as selection tools, layers, masks and channels, typographic design, vector drawing, editing video, Mixer Brush, and 3D images.*

## Business Law

## The Ethical, Global, and E-commerce Environment

McGraw-Hill Companies

## Imperialism in the Twenty-First Century



## Globalization, Super-Exploitation, and Capitalism's Final Crisis

*NYU Press Winner of the first Paul A. Baran-Paul M. Sweezy Memorial Award for an original monograph concerned with the political economy of imperialism, John Smith's Imperialism in the Twenty-First Century is a seminal examination of the relationship between the core capitalist countries and the rest of the world in the age of neoliberal globalization. Deploying a sophisticated Marxist methodology, Smith begins by tracing the production of certain iconic commodities—the T-shirt, the cup of coffee, and the iPhone—and demonstrates how these generate enormous outflows of money from the countries of the Global South to transnational corporations headquartered in the core capitalist nations of the Global North. From there, Smith draws on his empirical findings to powerfully theorize the current shape of imperialism. He argues that the core capitalist countries need no longer rely on military force and colonialism (although these still occur) but increasingly are able to extract profits from workers in the Global South through market mechanisms and, by aggressively favoring places with lower wages, the phenomenon of labor arbitrage. Meticulously researched and forcefully argued, Imperialism in the Twenty-First Century is a major contribution to the theorization and critique of global capitalism.*

## Principles and Practice of Proton Beam Therapy, AAPM Monograph

## Computers and the Environment: Understanding and Managing their Impacts

*Springer Science & Business Media 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, toxic chemicals and water. Rapid improvements in performance mean we often buy a new machine every 1-3 years, which adds up to mountains of waste computers. How should societies respond to manage these environmental impacts? This volume addresses the environmental impacts and management of computers through a set of analyses on issues ranging from environmental assessment, technologies for recycling, consumer behaviour, strategies of computer manufacturing firms, and government policies. One conclusion is that extending the lifespan of computers (e.g. through reselling) is an environmentally and economically effective strategy that deserves more attention from governments, firms and the general public.*

## New Technologies in Radiation Oncology

*Springer Science & Business Media - Summarizes the state of the art in the most relevant areas of medical physics and engineering applied to radiation oncology - Covers all relevant areas of the subject in detail, including 3D imaging and image processing, 3D treatment planning, modern treatment techniques, patient positioning, and aspects of verification and quality assurance - Conveys information in a readily understandable way that will appeal to professionals and students with a medical background as well as to newcomers to radiation oncology from the field of physics*

## Sustainable Cruise Tourism Development Strategies

## Tackling the Challenges in Itinerary Design in South-East Asia

*The cruise industry is one of the fastest growing segments of tourism. Although, cruise tourism is a recent development in Asia and the Pacific as compared to the traditional destinations in the Caribbean and the Mediterranean, it has been growing at double-digit rates fuelled by the increasing demand from the North-East Asia markets, namely from China.*

## Brigade Combat Team

# Climate Change, Security Risks and Conflict Reduction in Africa

## A Case Study of Farmer-Herder Conflicts over Natural Resources in Côte d'Ivoire, Ghana and Burkina Faso 1960–2000

*Springer Millions of people are already affected by weather-related shocks every year in West Africa and climate change is highly likely to increase these threats. In the wake of climate change, rising temperatures, increasingly irregular rainfall and more frequent natural hazards will endanger the ways of life of vulnerable population groups in this region and destabilize their human security. A surge in violence and conflicts could take place. One of the conflict constellations could be between farmers and herders. These groups are highly vulnerable to climate change due to their dependence on natural resources Millions of people are already affected by weather-related shocks every year in West Africa and climate change is highly likely to increase these threats. In the wake of climate change, rising temperatures, increasingly irregular rainfall and more frequent natural hazards will endanger the ways of life of vulnerable population groups in this region and destabilize their human security. A surge in violence and conflicts could take place. One of the conflict constellations could be between farmers and herders. These groups are highly vulnerable to climate change due to their dependence on natural resources for their subsistence. Furthermore, they are historically prone to enter into conflict over issues of access to natural resources. However, social, economic and political circumstances fundamentally influence environmental conflicts. There might thus be opportunities to face the societal challenges of climate change in a peaceful way and the political and institutional framework could play an important role in reducing conflict and violence. In order to explore such a path, this study analyses the potential of political factors (policies and institutions) for the reduction of climate-change-induced or aggravated conflicts between farmers and herders. After a theoretical demonstration, a case study of agro-pastoral conflicts in Burkina Faso, Côte d'Ivoire, and Ghana is conducted. their subsistence. Furthermore, they are historically prone to enter into conflict over issues of access to natural resources. However, social, economic and political circumstances fundamentally influence environmental conflicts. There might thus be opportunities to face the societal challenges of climate change in a peaceful way and the political and institutional framework could play an important role in reducing conflict and violence. In order to explore such a path, this study analyses the potential of political factors (policies and institutions) for the reduction of climate-change-induced or -aggravated conflicts between farmers and herders. After a theoretical demonstration, a case study of agro-pastoral conflicts in Burkina Faso, Côte d'Ivoire, and Ghana is conducted.*

## Block's Disinfection, Sterilization, and Preservation

*Lippincott Williams & Wilkins With more international contributors than ever before, Block's Disinfection, Sterilization, and Preservation, 6th Edition, is the first new edition in nearly 20 years of the definitive technical manual for anyone involved in physical and chemical disinfection and sterilization methods. The book focuses on disease prevention—rather than eradication—and has been thoroughly updated with new information based on recent advances in the field and understanding of the risks, the technologies available, and the regulatory environments.*

## Accounting Principles

### A Business Perspective

*Accounting Principles: A Business Perspective uses annual reports of real companies to illustrate many of the accounting concepts in use in business today. Gaining an understanding of accounting terminology and concepts, however, is not enough to ensure your success. You also need to be able to find information on the Internet, analyze various business situations, work effectively as a member of a team, and communicate your ideas clearly. Accounting Principles: A Business Perspective will give you an understanding of how to use accounting information to analyze business performance and make business decisions. The text takes a business perspective. We use the annual reports of real companies to illustrate many of the accounting concepts. You are familiar with many of the companies we use, such as The Limited, The Home Depot, and Coca-Cola Company. Gaining an understanding of accounting terminology and concepts, however, is not enough to ensure your success. You also need to be able to find information on the Internet, analyze various business situations, work effectively as a member of a team, and communicate your ideas clearly. This text was developed to help you develop these skills.*

# 3D Printing in Medicine

## A Practical Guide for Medical Professionals

*Springer* This book describes the fundamentals of three-dimensional (3D) printing, addresses the practical aspects of establishing a 3D printing service in a medical facility, and explains the enormous potential value of rendering images as 3D printed models capable of providing tactile feedback and tangible information on both anatomic and pathologic states. Individual chapters also focus on selected areas of applications for 3D printing, including musculoskeletal, craniomaxillofacial, cardiovascular, and neurosurgery applications. Challenges and opportunities related to training, materials and equipment, and guidelines are addressed, and the overall costs of a 3D printing lab and the balancing of these costs against clinical benefits are discussed. Radiologists, surgeons, and other physicians will find this book to be a rich source of information on the practicalities and expanding medical applications of 3D printing.