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Highlighting the Importance of Big Data Management and Analysis for Various Applications Springer This book addresses the impacts of various types of services such as infrastructure, platforms, software, and business processes that cloud computing and Big Data have introduced into business. Featuring chapters which discuss effective and efficient approaches in dealing with the inherent complexity and increasing demands in data science, a variety of application domains are covered. Various case studies by data management and analysis experts are presented in these chapters. Covered applications include banking, social networks, bioinformatics, healthcare, transportation and criminology. Highlighting the Importance of Big Data Management and Analysis for Various Applications will provide the reader with an understanding of how data management and analysis are adapted to these applications. This book will appeal to researchers and professionals in the field. **Paper-based Diagnostics Current Status and Future Applications** Springer This book explores the status of paper-based diagnostic solutions, or Microfluidics 2.0. The contributors explore: how paper-based tests can be widely distributed and utilized by semi-skilled personnel; how close to commercial applications the technology has become, and what is still required to make paper-based diagnostics the game-changer it can be. The technology is examined through the lens of the World Health Organization's ASSURED criteria for low-resource countries (Affordable, Sensitive, Specific, User-friendly, Rapid and robust, Equipment-free, and Deliverable to end-users). Its applications have to include: health technology, environmental technology, food safety, and more. This book is appropriate for researchers in these areas, as well as those interested in microfluidics, and includes chapters dedicated to principles such as theory of flow and surface treatments; components such as biomarkers and detection; and current methods of manufacturing. Discusses how paper-based diagnostics can be used in

developing countries by comparing current diagnostic tests with the World Health Organization's ASSURED criteria Examines how paper-based diagnostics could be integrated with other technologies, such as printed electronics, and the Internet of Things. Outlines how semi-skilled personnel across a variety of fields can implement paper-based diagnostics **ECRM2013-Proceedings of the 12th European Conference on Research Methods ECRM 2013** Academic Conferences Limited Complete proceedings of the 13th European Conference on Research Methodology for Business and Management Studies ECRM 2013 PRINT version Published by Academic Conferences and Publishing International Limited. **Petro-physics and Rock Physics of Carbonate Reservoirs Likely Elucidations and Way Forward** Springer Nature This book presents selected articles from the workshop on "Challenges in Petrophysical Evaluation and Rock Physics Modeling of Carbonate Reservoirs" held at IIT Bombay in November 2017. The articles included explore the challenges associated with using well-log data, core data analysis, and their integration in the qualitative and quantitative assessment of petrophysical and elastic properties in carbonate reservoirs. The book also discusses the recent trends and advances in the area of research and development of carbonate reservoir characterization, both in industry and academia. Further, it addresses the challenging concept of porosity partitioning, which has huge implications for exploration and development success in these complex reservoirs, enabling readers to understand the varying orders of deposition and diagenesis and also to model the flow and elastic properties. **India-Pakistan Trade Normalisation The Unfinished Economic Agenda** Springer This book explores the unfinished India-Pakistan Trade normalisation agenda (building upon the themes covered in the book "India-Pakistan Trade: Strengthening Economic Relations" published by Springer in 2014) and discusses the steps that must be undertaken in order to move the bilateral engagement forward. Given the commencement of bilateral state-level talks and the Indian government's emphasis on South Asian integration, it adds impetus to the trade liberalisation process, while also providing essential recommendations for policymakers in both countries. The unfinished agenda faces obstacles such as the list of items for which export from India to Pakistan continues to be restricted; lack of land borders and seamless cross-border transport services, which hampers the realisation of trade potential; negative reporting in the media, which influences traders' perceptions; and the continued occurrence of informal trade resulting from inadequacies of formal trade relations. The book examines various sectors, including the agricultural, textiles, automotive and pharmaceutical industries, given their predominance on the list of restricted items for bilateral trade. It also covers studies on unconventional and under-researched themes concerning informal trade, informational barriers to India-Pakistan trade, and opening new land borders for trade - all of which can play a facilitating role in realizing the untapped trade potential between India and Pakistan. The book also includes the second round of the India-Pakistan trade perception survey, which identifies impediments to India-Pakistan bilateral trade and assesses the change in traders' perceptions since the first round of the survey, which was published in 2014. **Parallaxic Praxis: Multimodal Interdisciplinary Pedagogical Research Design** Vernon Press Parallaxic Praxis is a research framework utilized by interdisciplinary teams to collect, interpret, transmediate, analyze, and mobilize data generatively. The

methodology leverages the researchers' personal strengths and the collective expertise of the team including the participants and community when possible. Benefits include the use of multi-perspective analyses, multi-modal investigations, informal and directed dialogic conversations, innovative knowledge creation, and models of residual and reparative research. Relying on difference, dialogue, and creativity propulsion processes; and drawing on post-qualitative, new materiality, multiliteracies, and combinatorial, even juxtaposing theoretical frames; this model offers extensive research possibilities across disciplines and content areas to mobilize knowledge to broad audiences. This book explains methods, theories, and perspectives, and provides examples for developing creative research design in order to innovate new understandings. This model is especially useful for interdisciplinary partnerships or cross-sector collaborations. This book specifically addresses issues of research design, methodology, knowledge generation, knowledge mobilization, and dissemination for academics, students, and community partners. Examples include possibilities for scholars interested in doing projects in social justice, community engagement, teacher education, Indigenous research, and health and wellness.

Office 2013: The Missing Manual "O'Reilly Media, Inc." Microsoft Office is the most widely used productivity software in the world, but most people just know the basics. This helpful guide gets you started with the programs in Office 2013, and provides lots of power-user tips and tricks when you're ready for more. You'll learn about Office's new templates and themes, touchscreen features, and other advances, including Excel's Quick Analysis tool. The important stuff you need to know: Create professional-looking documents. Use Word to craft reports, newsletters, and brochures for the Web and desktop. Stay organized. Set up Outlook to track your email, contacts, appointments, and tasks. Work faster with Excel. Determine the best way to present your data with the new Quick Analysis tool. Make inspiring presentations. Build PowerPoint slideshows with video and audio clips, charts and graphs, and animations. Share your Access database. Design a custom database and let other people view it in their web browsers. Get to know the whole suite. Use other handy Office tools: Publisher, OneNote, and a full range of Office Web Apps. Create and share documents in the cloud. Upload and work with your Office files in Microsoft's SkyDrive.

New Perspectives on Microsoft Office 2013, First Course Cengage Learning With proven pedagogy that emphasizes critical-thinking, problem-solving, and in-depth coverage, New Perspectives helps students develop the Microsoft Office 2013 skills they need to be successful in college and beyond. Updated with all new case-based tutorials, New Perspectives Microsoft Office 2013 continues to engage students in applying skills to real-world situations, making concepts relevant. A new Troubleshoot case problem enhances critical thinking, and a new tutorial on Managing Your Files helps students navigate Windows 8. As always, New Perspectives improves learning outcomes and transference of skills by helping students understand why what they're learning is important. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

White Papers For Dummies John Wiley & Sons A fast and easy way to write winning white papers! Whether you're a marketing manager seeking to use whitepapers to promote your business, or a copywriter keen to break into this well-paying field, White Papers For Dummies gives you a wealth of practical, hands-on advice

from one of the world's leading experts in the field. The fact-based documents known as white papers have been called the "king of content." No other B2B marketing piece can do more to generate leads, nurture prospects, and build mindshare. Where white papers were once used only by technology firms, they are becoming "must-have" items in the marketing toolkit for almost any B2B firm. Practically every startup must produce a white paper as part of its business planning. But writing effective white papers is a big challenge. Now you can benefit from the experience of a white paper specialist who's done more than 200 projects for clients from Silicon Valley to Finland, from mighty Google to tiny startups. Author Gordon Graham—also known as That White Paper Guy—provides dozens of tips and tricks to help your project come together faster and easier. **White Papers For Dummies** will help you to: Quickly determine if your B2B firm could benefit from a white paper Master the three phases of every white paper project: planning, production, and promotion Understand when and how to use the three main types of white paper Decide which elements to include and which to leave out Learn the best practices of seasoned white paper researchers and writers Choose from 40 different promotional tactics to get the word out Avoid common mistakes that many beginners make

The Green Book Appraisal and Evaluation in Central Government : Treasury Guidance Stationery Office This new edition incorporates revised guidance from H.M Treasury which is designed to promote efficient policy development and resource allocation across government through the use of a thorough, long-term and analytically robust approach to the appraisal and evaluation of public service projects before significant funds are committed. It is the first edition to have been aided by a consultation process in order to ensure the guidance is clearer and more closely tailored to suit the needs of users.

AutoCAD 2013 and AutoCAD LT 2013 Bible John Wiley & Sons "Bonus content on companion website."--Cover.

Target VITEEE 2019 - Past 13 Years (2018-2006) Solved Papers + 10 Mock Tests 8th Edition Disha Publications TARGET VITEEE 2019 helps in TESTING & REVISING all important concepts necessary to crack VITEEE. Target VITEEE consists of Previous 13 Years papers, 2018 - 2006 and 10 Mock tests designed as per the latest VITEEE pattern, along with detailed solutions. The previous year papers will help you in guiding about the pattern and level of questions being asked in VITEEE, whereas the Mock Tests will give you sufficient practice for the test. This book covers the entire syllabus of VIT exam.

#Republic Divided Democracy in the Age of Social Media Princeton University Press "As the Internet grows more sophisticated, it is creating new threats to democracy. Social media companies such as Facebook can sort us ever more efficiently into groups of the like-minded, creating echo chambers that amplify our views. It's no accident that on some occasions, people of different political views cannot even understand each other. It's also no surprise that terrorist groups have been able to exploit social media to deadly effect. Welcome to the age of #Republic. In this revealing book, Cass Sunstein, the New York Times bestselling author of Nudge and The World According to Star Wars, shows how today's Internet is driving political fragmentation, polarization, and even extremism--and what can be done about it. Thoroughly rethinking the critical relationship between democracy and the Internet, Sunstein describes how the online world creates "cybercascades," exploits "confirmation bias," and assists "polarization entrepreneurs." And he explains why online

fragmentation endangers the shared conversations, experiences, and understandings that are the lifeblood of democracy. In response, Sunstein proposes practical and legal changes to make the Internet friendlier to democratic deliberation. These changes would get us out of our information cocoons by increasing the frequency of unchosen, unplanned encounters and exposing us to people, places, things, and ideas that we would never have picked for our Twitter feed. #Republic need not be an ironic term. As Sunstein shows, it can be a rallying cry for the kind of democracy that citizens of diverse societies most need. "-- **Applying Business Intelligence Initiatives in Healthcare and Organizational Settings** IGI Global Data analysis is an important part of modern business administration, as efficient compilation of information allows managers and business leaders to make the best decisions for the financial solvency of their organizations. Understanding the use of analytics, reporting, and data mining in everyday business environments is imperative to the success of modern businesses. Applying Business Intelligence Initiatives in Healthcare and Organizational Settings incorporates emerging concepts, methods, models, and relevant applications of business intelligence systems within problem contexts of healthcare and other organizational boundaries. Featuring coverage on a broad range of topics such as rise of embedded analytics, competitive advantage, and strategic capability, this book is ideally designed for business analysts, investors, corporate managers, and entrepreneurs seeking to advance their understanding and practice of business intelligence. **The Essentials of Writing: Ten Core Concepts** Cengage Learning THE ESSENTIALS OF WRITING: TEN CORE CONCEPTS is designed for instructors who want a short, flexible writing guide using the core concepts as a framework. These ten fundamental lessons that students need to learn to become sophisticated writers are covered thoroughly in chapters 2-4. The essentials version also offers practical advice about developing an academic writing style, synthesizing ideas, designing documents, conducting research, evaluating and documenting sources, and applying the conventions of written English. Each student text is packaged with a free Cengage Essential Reference Card to the MLA HANDBOOK, Eighth Edition. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. **Copyright Law in an Age of Limitations and Exceptions** Cambridge University Press In this book, leading scholars analyze the important role played by copyright exceptions in economic and cultural productivity. **NTSE 10 Year-wise Class 10 Stage 2 Solved Papers (2010 - 19)** Disha Publications NTSE 10 Year-wise Class 10 Stage 2 Solved Papers (2010 - 19) consists of past 10 years Solved papers of Stage 2 (2010 -2019). The book provides solutions to each and every questions immediately after the question paper. **New Pop-Up Paper Projects Step-by-step paper engineering for all ages** Routledge New Pop-Up Paper Projects is an inspirational book for everyone who wants to learn and share the magic of pop-up paper engineering. Illustrated throughout with colour diagrams and photographs, this book guides you through basic techniques and foundation skills, offers advice on classroom planning and health and safety and shows you how to ensure that learners of all ages can develop and progress their skills. Guiding you through 90-, 180- and 360-degree engineering, this book presents step-by-step instructions and ideas for over 200 cross-curricular themes, from cityscapes to magical creatures. Aiming to challenge and inspire, Paul Johnson uses

over 150 paper-engineering techniques, including: storybooks pop-ups without folds zigzag pop-ups pulleys, wheels and levers asymmetrical pop-ups intricate toy theatres diagonal pop-ups with movables. This book, brimming with pop-up techniques and how to teach them, is for everyone – from the self-styled ‘visually illiterate’ to the art graduate, from parents keeping creativity alive at home to classroom teachers planning an engaging curriculum for their class of 30 plus pupils.

Exchange Rate Choices with Inflexible Markets and Costly Price Adjustments International Monetary Fund This paper analyzes the appropriate choice of an exchange rate regime in agricultural commodity-exporting economies. In an open economy model that incorporates key structural characteristics of agricultural commodity exporters including dual labor markets, the benefits of exchange rate flexibility are shown to depend on the extent of labor and product market development. With developed markets, flexible exchange rates are preferred as they allow for greater relative price fluctuations, which amplify the transmission mechanism of labor reallocation upon commodity price volatility. When labor and product markets are not welldeveloped, however, international relative price adjustments exacerbate currency and factor misalignments. A nominal exchange rate peg, by mitigating relative wage and price fluctuations, increases welfare relative to a float. Given the current low level of labor and product market development across most agricultural commodity exporters, the study provides a counterpoint to conventional arguments in favor of flexible exchange rates and a rationale as to why exchange rate targeting is appropriate in agricultural economies.

Molecular Dynamics Simulation MDPI Printed Edition of the Special Issue Published in Entropy

Immunisation against infectious diseases The Stationery Office This is the third edition of this publication which contains the latest information on vaccines and vaccination procedures for all the vaccine preventable infectious diseases that may occur in the UK or in travellers going outside of the UK, particularly those immunisations that comprise the routine immunisation programme for all children from birth to adolescence. It is divided into two sections: the first section covers principles, practices and procedures, including issues of consent, contraindications, storage, distribution and disposal of vaccines, surveillance and monitoring, and the Vaccine Damage Payment Scheme; the second section covers the range of different diseases and vaccines.

Private Equity Opportunities and Risks Financial Markets and Investme During the past few decades, private equity (PE) has attracted considerable attention from investors, practitioners, and academicians. In fact, a substantial literature on PE has emerged. PE offers benefits for institutional and private wealth management clients including diversification and enhancement of risk-adjusted returns. However, the lack of transparency, regulatory restrictions, and liquidity concerns that exist for some PE options limit their attractiveness for some investors. Private Equity: Opportunities and Risks offers a synthesis of the theoretical and empirical literature on PE in both emerging and developed markets. The book examines PE and provides important insights about topics such as major types of PE (venture capital, leveraged, buyouts, mezzanine capital, and distressed debt investments), how PE works, performance and measurement, uses and structure, and trends. Readers can gain an in-depth understanding about PE from academics and practitioners from around the world. Private Equity: Opportunities and Risks provides a fresh look at the intriguing yet complex subject

of PE. A group of renowned experts take readers through the core topics and issues of PE, and also examine the latest trends and cutting-edge developments in the field. Additionally, discussion of research on PE permeates the book. The coverage extends from discussing basic concepts and their application to increasingly complex and real-world situations. Thus, this volume spans the gamut from theoretical to practical, while offering a useful balance of detailed and user-friendly coverage. This fresh and intriguing examination of PE is essential reading for anyone hoping to gain a better understanding of PE, from seasoned professionals to those aspiring to enter the demanding world of finance.

Awareness in Logic and Epistemology A Conceptual Schema and Logical Study of The Underlying Main Epistemic Concepts Springer Nature This book creates a conceptual schema that acts as a correlation between Epistemology and Epistemic Logic. It connects both fields and offers a proper theoretical foundation for the contemporary developments of Epistemic Logic regarding the dynamics of information. It builds a bridge between the view of Awareness Justification Internalism, and a dynamic approach to Awareness Logic. The book starts with an introduction to the main topics in Epistemic Logic and Epistemology and reviews the disconnection between the two fields. It analyses three core notions representing the basic structure of the conceptual schema: "Epistemic Awareness", "Knowledge" and "Justification". Next, it presents the Explicit Aware Knowledge (EAK) Schema, using a diagram of three ellipses to illustrate the schema, and a formal model based on a neighbourhood-model structure, that shows one concrete application of the EAK-Schema into a logical structure. The book ends by presenting conclusions and final remarks about the uses and applications of the EAK-Schema. It shows that the most important feature of the schema is that it serves both as a theoretical correlate to the dynamic extensions of Awareness Logic, providing it with a philosophical background, and as an abstract conceptual structure for a re-interpretation of Epistemology.

Research on Volatility and Contagion Effect in Stock Market Scientific Research Publishing, Inc. USA The volatility has been one of the cores of the financial theory research, in addition to the stock markets is an important part of modern financial markets. Research on volatility and contagion effect in stock market is an important part of the theory of financial markets research. This book includes the following four parts.

New Business and Regulatory Strategies in the Postal Sector Springer This book addresses major issues facing postal and delivery services throughout the world. Worldwide, there is currently a considerable amount of interest in postal and delivery economics. The industry is reacting to a state of near crisis and is implementing different drastic changes. The European Commission and member States are still wrestling with the problem of how to implement entry liberalization into postal markets, how to address digital competition, and how to maintain the universal service obligation (USO). The Postal Accountability and Enhancement Act of 2006 in the U.S. has perhaps created and exacerbated the problems faced by USPS. Digitalisation, technological development and online platforms are strongly affecting both the way postal and delivery operators are managing their services as well as their role on the market. Strong emphasis was attributed to the assets of Postal Operators (POs) and their added value in the digital age as well as on new business strategies. This volume presents original essays by prominent researchers in the field, selected and edited from

papers presented at this year's 26th Conference on Postal and Delivery Economics held in Split, Croatia, from May 30- June 2, 2018. Topics addressed by this volume include quality of service, last mile solutions, and competition in the liberalized market. This book will be a useful tool not only for graduate students and professors, but also for postal administrations, consulting firms, and federal government departments.

Reforming the Fund's Policy on Non-Toleration of Arrears to Official Creditors

International Monetary Fund Background: As a follow-up to the May 2013 Executive Board's discussion of the paper on Sovereign Debt Restructuring: Recent Developments and Implications for the Fund's Legal and Policy Framework (hereinafter, the "2013 Paper"), this paper proposes a reform to the Fund's policy on non-toleration of arrears owed to official bilateral creditors ("NTP") with a view to addressing the major issues related to official sector involvement (OSI) discussed in the 2013 Paper. Unlike the Fund's lending-into-arrears ("LIA") policy for private creditors, the NTP prevents Fund lending to countries if they owe unresolved arrears to official bilateral creditors, unless the arrears are covered by a Paris Club agreement or the creditor consents to the Fund providing financing.

Nature of the problem: As staff foreshadowed in the 2013 Paper, several aspects of the current NTP present challenges in a changing and increasingly diverse landscape for official bilateral finance. For example, the NTP's reliance on the practices and conventions of the Paris Club creates challenges in an environment where a growing number of creditors are non-Paris Club members. In particular, the NTP's dependence on the Paris Club's comparability of treatment principle to deem away arrears to non-Paris Club bilateral creditors is difficult to justify in circumstances where a Paris Club agreement is not sufficiently representative and the bulk of official bilateral claims are held by non-Paris Club creditors. Further, where there is no Paris Club agreement, the current policy can give individual official bilateral creditors a veto over Fund lending decisions, drawing no distinction between creditors that are contributing to the financing requirements of the program and those that are not, thus leaving the system vulnerable to holdouts.

Proposed modification: Staff's proposal envisages a two-step process: in the first step, all creditors would be encouraged to reach a consensus. While the Paris Club is currently a well-established forum for OSI, the Fund would also recognize agreements among creditors reached in other representative fora, should such fora emerge. If an agreement is reached through the Paris Club and the creditor group so formed represents a significant portion of total official bilateral claims, the Fund would rely on its current practices and deem away arrears to nonparticipating creditors based on the Club's comparability of treatment principle. Only when an agreement cannot be reached (i) with a representative group of creditors in the Paris Club, or (ii) with each creditor in an alternative grouping or bilaterally, would the Fund consider lending into arrears owed to official bilateral creditors in carefully circumscribed circumstances. The decision to lend in these situations would be subject to a need for prompt Fund assistance, an assessment that the debtor is making good faith efforts to reach an agreement and that the absence of a debt restructuring is due to the unwillingness of the creditor to reach an agreement consistent with the parameters of the Fund-supported program, and a judgment on whether the decision to lend could negatively affect the Fund's ability to mobilize official financing packages in the future.

Likely impact: Staff's proposal will strengthen

incentives for collective action among official bilateral creditors in situations where OSI is necessary. The two-step process encourages individual official bilateral creditors to be part of a multilateral agreement, thus reducing the risk that the Fund would be prevented from assisting a member in need because certain official bilateral creditors are seeking more favorable treatment of their claims at the expense of other contributing creditors. Importantly, the policy will continue to protect official bilateral creditors, as any decision to lend into arrears will be subject to the debtor's good faith efforts, will be applied in a way that preserves the Fund's ability to mobilize official financing packages in future, and be subject to the Board's approval. Next steps: If the Board supports the proposed modification, the new policy will apply immediately to all future Fund disbursements (including under existing arrangements) with respect to existing and future arrears owed to official bilateral creditors.

The Complete Book of Origami Step-by-step Instructions in Over 1000 Diagrams : 37 Original Models Courier Corporation Shows how to fold paper into ducks, fish, swan, sharks, kangaroos, gerbils, dragonflies, deer, dinosaurs, elephants, biplanes, and Viking ships

IoT and Cloud Computing Advancements in Vehicular Ad-Hoc Networks IGI Global The optimization of traffic management operations has become a considerable challenge in today's global scope due to the significant increase in the number of vehicles, traffic congestions, and automobile accidents. Fortunately, there has been substantial progress in the application of intelligent computing devices to transportation processes. Vehicular ad-hoc networks (VANETs) are a specific practice that merges the connectivity of wireless technologies with smart vehicles. Despite its relevance, empirical research is lacking on the developments being made in VANETs and how certain intelligent technologies are being applied within transportation systems. IoT and Cloud Computing Advancements in Vehicular Ad-Hoc Networks provides emerging research exploring the theoretical and practical aspects of intelligent transportation systems and analyzing the modern techniques that are being applied to smart vehicles through cloud technology. Featuring coverage on a broad range of topics such as health monitoring, node localization, and fault tolerance, this book is ideally designed for network designers, developers, analysts, IT specialists, computing professionals, researchers, academics, and post-graduate students seeking current research on emerging computing concepts and developments in vehicular ad-hoc networks.

First Steps in ABAP Espresso Tutorials GmbH A lot of SAP professionals start their careers as programmers and focus on turning functional specifications into technical specifications and writing code. First Steps in SAP ABAP (Advanced Business Application Programming) is the resource that every beginner needs to have. You will learn how to write your own ABAP code step by step and progressively build your own ABAP application. - Step-by-Step instructions for beginners - Comprehensive descriptions and code examples - A guide to create your first ABAP application - Tutorials that provide answers to the most commonly asked programming questions Get a head start on SAP ABAP! This book provides you with the tools you need to get started with a job as an SAP ABAP programmer

Managing Innovation in Healthcare World Scientific Publishing Company Across the world, the demands placed on health systems are growing rapidly. Developed countries face the challenge of providing services to an ageing population with changing health needs, while countries with

developing health systems must find ways of ensuring their populations are provided with access to healthcare. Innovative thinking is essential to meet these twin challenges, but innovation is both a cause and cure of many struggles in healthcare — we need it, but it is hard to manage and the introduction of new technology can lead to higher costs. Using real-life examples and case studies from around the world, this book introduces the latest thinking on understanding and managing healthcare innovation more effectively. It does this from the perspective of governments responsible for shaping health policy, healthcare organisations providing services and juggling competing demands, and from the perspective of the industries that supply the new drugs, devices and other technologies. **Managing Innovation in Healthcare** is the perfect accompaniment for MSc, PhD and MBA students on health policy, management and public health courses, as well as managers, consultants and policy makers involved in healthcare services in both the public and private sector. **Distinctive Styles and Authorship in Alternative Comics** Walter de Gruyter GmbH & Co KG **Distinctive Styles and Authorship in Alternative Comics** addresses the benefits and limits of analyses of style in alternative comics. It offers three close readings of works serially published between 1980 and 2018 - Art Spiegelman's *Maus*, Alison Bechdel's *Dykes to Watch Out For*, and Jason Lutes' *Berlin* - and discusses how artistic style may influence the ways in which readers construct authorship. **Current Advances in Soft Robotics: Best Papers From RoboSoft 2018** Frontiers Media SA **Modern Principles, Practices, and Algorithms for Cloud Security** IGI Global In today's modern age of information, new technologies are quickly emerging and being deployed into the field of information technology. Cloud computing is a tool that has proven to be a versatile piece of software within IT. Unfortunately, the high usage of Cloud has raised many concerns related to privacy, security, and data protection that have prevented cloud computing solutions from becoming the prevalent alternative for mission critical systems. Up-to-date research and current techniques are needed to help solve these vulnerabilities in cloud computing. **Modern Principles, Practices, and Algorithms for Cloud Security** is a pivotal reference source that provides vital research on the application of privacy and security in cloud computing. While highlighting topics such as chaos theory, soft computing, and cloud forensics, this publication explores present techniques and methodologies, as well as current trends in cloud protection. This book is ideally designed for IT specialists, scientists, software developers, security analysts, computer engineers, academicians, researchers, and students seeking current research on the defense of cloud services. **Democratizing Global Climate Governance** Cambridge University Press "Climate change presents a large, complex and seemingly intractable set of problems that are unprecedented in their scope and severity. Given that climate change is both generated and experienced internationally, effective global governance is imperative for its resolution; yet, current modes of global governance have so far failed to provide effective responses. Hayley Stevenson and John Dryzek argue that legitimacy, accountability, deliberation and democracy are not just intrinsically important, but also increase the chances of successful collective action. Spanning topics of multilateral diplomacy, networked governance, representation, accountability, protest and participation, this book charts the failures and successes of global climate governance to offer fresh proposals for a deliberative system which would

enable meaningful communication, inclusion of all affected interests, accountability and effectiveness in dealing with climate change; one of the most vexing issues of our time"-- **Making the Tunisian Resurgence** Springer This book investigates the socioeconomic factors that triggered Tunisia's "revolution for dignity" and the current issues and challenges facing its economy while suggesting mechanisms and instruments for their resolution. The author begins by analyzing the roots of the revolution and the post-revolution situation from a political sociology perspective and then diagnoses the Tunisian economy before and after the revolution and identifies the multidimensional binding constraints preventing it from escaping the middle-income trap. The book then explores the pillars of an inclusive development strategy that Tunisia should pursue. The emphasis is made on building inclusive institutions, developing a new social contract and reinventing the country's leadership. Beyond the institutional dimension, the author suggests innovative financial channels, discusses the strategy of a successful integration of the Tunisian economy in the global economy as well as the pillars of its transformation into a knowledge-based economy. **Monetary and Financial Cooperation in East Asia The State of Affairs After the Global and European Crises** Oxford University Press, USA The book includes a number of essays about the prospects for monetary and financial integration in East Asia following the Global Financial Crisis and the Eurozone debt crisis. These events have shaken the region's halting efforts at regional integration. Following a synthetic introduction and a survey of past efforts, the book's originality is to present the views of economists from China, Japan, Thailand, Korea, the US and Europe who assess the situation from their country's angles. It provides a vivid, yet rigorous, view of the state of play in this crucial part of the world, presented by world-renowned scholars. **Nuclear Governance in the Asia-Pacific** Taylor & Francis The contributors to this book explore approaches to building a framework for nuclear governance in the Asia-Pacific - encompassing nuclear safety, security, and safeguards/non-proliferation. Nuclear governance collaboration offers an avenue for states in the Asia-Pacific to tackle the emerging opportunities for and challenges to the peaceful uses of nuclear energy and the civilian applications of nuclear and radioactive materials. The nature of national actions, bilateral initiatives and regional cooperation in capacity building taking place in East Asia provides a good foundation to pursue a more robust collaborative framework for nuclear governance in the wider Asia-Pacific region. The contributors to this book explore the most critical nuclear safety, security and non-proliferation issues faced by states in the Asia-Pacific and the growing cooperation spearheaded by Southeast Asian countries, China, Japan, South Korea and the United States. This book is a valuable read for academics working on security and strategic studies, international relations, non-traditional security issues as well as nuclear-related issues. **Japanese Finance and Industry quarterly survey Microfluidics and Nanotechnology Biosensing to the Single Molecule Limit** CRC Press An increasing number of technologies are being used to detect minute quantities of biomolecules and cells. However, it can be difficult to determine which technologies show the most promise for high-sensitivity and low-limit detection in different applications. Microfluidics and Nanotechnology: Biosensing to the Single Molecule Limit details proven approaches for the detection of single cells and even single molecules—approaches employed by the world's foremost

microfluidics and nanotechnology laboratories. While similar books concentrate only on microfluidics or nanotechnology, this book focuses on the combination of soft materials (elastomers and other polymers) with hard materials (semiconductors, metals, and glass) to form integrated detection systems for biological and chemical targets. It explores physical and chemical—as well as contact and noncontact—detection methods, using case studies to demonstrate system capabilities. Presenting a snapshot of the current state of the art, the text: Explains the theory behind different detection techniques, from mechanical resonators for detecting cell density to fiber-optic methods for detecting DNA hybridization, and beyond Examines microfluidic advances, including droplet microfluidics, digital microfluidics for manipulating droplets on the microscale, and more Highlights an array of technologies to allow for a comparison of the fundamental advantages and challenges of each, as well as an appreciation of the power of leveraging scalability and integration to achieve sensitivity at low cost Microfluidics and Nanotechnology: Biosensing to the Single Molecule Limit not only serves as a quick reference for the latest achievements in biochemical detection at the single-cell and single-molecule levels, but also provides researchers with inspiration for further innovation and expansion of the field. **Biomass Processing for Biofuels, Bioenergy and Chemicals** MDPI Biomass can be used to produce renewable electricity, thermal energy, transportation fuels (biofuels), and high-value functional chemicals. As an energy source, biomass can be used either directly via combustion to produce heat or indirectly after it is converted to one of many forms of bioenergy and biofuel via thermochemical or biochemical pathways. The conversion of biomass can be achieved using various advanced methods, which are broadly classified into thermochemical conversion, biochemical conversion, electrochemical conversion, and so on. Advanced development technologies and processes are able to convert biomass into alternative energy sources in solid (e.g., charcoal, biochar, and RDF), liquid (biodiesel, algae biofuel, bioethanol, and pyrolysis and liquefaction bio-oils), and gaseous (e.g., biogas, syngas, and biohydrogen) forms. Because of the merits of biomass energy for environmental sustainability, biofuel and bioenergy technologies play a crucial role in renewable energy development and the replacement of chemicals by highly functional biomass. This book provides a comprehensive overview and in-depth technical research addressing recent progress in biomass conversion processes. It also covers studies on advanced techniques and methods for bioenergy and biofuel production.