Brain & Behavior: An Introduction to Biological Psychology
Bob L. Garrett (Author)

Editorial Reviews
Product Description

Brain & Behavior: An Introduction to Biological Psychology showcases our rapidly increasing understanding of the biological foundations of behavior, engaging students immediately with easily accessible content. Bob Garrett uses colorful illustrations and thought-provoking facts while maintaining a “big-picture” approach that students will appreciate. Don’t be surprised when they reach their “eureka” moment and exclaim, “Now I understand what was going on with Uncle Edgar!”

Praise for the Second Edition of Brain & Behavior:

“Great book- excellent instructional design and graphics with practical applications.”-Robin Steed, MA, LOTR, Louisiana State University Health Science Center

“My students liked the organization of Garrett. They thought it was easy to read and an appropriate resource for this course.” -Charles Long, University of Memphis

“I have been searching for a book that would thoroughly treat all of the concepts in brain and behavior while also being easy enough for the student to read without becoming overwhelmed. I think that the Garrett text might be an answer to my problem.” -Natalie Ceballos, Texas State University

http://www.amazon.com/Brain-Behavior-Introduction-Biological-Psychology/dp/1412981689/ref=sr_1_1?s=books&ie=UTF8&qid=1328080455&sr=1-1#
Discovering Biological Psychology

Laura Freberg (Author)

Editorial Reviews

Product Description

With its comprehensive, authoritative coverage and student-centered pedagogy, DISCOVERING BIOLOGICAL PSYCHOLOGY, 2nd Edition is ideal for a broad range of students taking a beginning undergraduate course in biological or physiological psychology. The book provides a foundational understanding of the structure and function of the nervous system and its relationship to both typical and disordered human behavior. Written by an author with nearly 30 years of teaching experience at schools ranging from community colleges to the Ivy League, this text presents classic concepts, current topics, and cutting-edge research in a style that is both accessible to beginning and less-prepared students and appealing to students with stronger backgrounds. As a result, the book allows instructors to teach a rigorous course that does not oversimplify the material, while keeping students excited and engaged. Reviewers have praised the text’s clear narrative, high-interest examples, pedagogy, and purposeful art program. The Second Edition is supported by a comprehensive and contemporary media package that includes animations, videos, lectures and an image gallery on Microsoft PowerPoint slides, student response system content, and a time-saving online homework and course management system.

http://www.amazon.com/Discovering-Biological-Psychology-Laura-Freberg/dp/0547177798/ref=sr_1_1?ie=UTF8&qid=1328081086&sr=1-1
Biological Psychology
James W. Kalat (Author)

Editorial Reviews
Product Description

Dr. James W. Kalat's BIOLOGICAL PSYCHOLOGY is the best selling text in the market for good reasons—an extremely high level of scholarship, clear and occasionally humorous writing style, and precise examples. An extremely skilled teacher, Dr. Kalat has written a text that speaks to today's students as well as to professors. Throughout all ten editions, the goal has been to make biological psychology accessible to psychology students, not just to biology majors and pre-meds. The goal has also been to convey the excitement of the search for biological explanations of behavior. Kalat believes that biological psychology is "the most interesting topic in the world," and this text convinces many students. Accuracy, currency and a clear presentation style have always been the hallmarks of this text, and this Tenth Edition and its supplement package take these qualities to the next level. Sold separately and available for the first time, a media-rich, highly interactive online eBook integrates the text; a companion CD-ROM, Exploring Biological Psychology; Try It Yourself activities; Stop & Check quizzes; and new animations.

http://www.amazon.com/Biological-Psychology-James-W-Kalat/dp/0495603007/ref=sr_1_1?ie=UTF8&qid=1328081448&sr=1-1#_
Essentials of Abnormal Psychology (Essentials of Behavioral Science)
Andrew R. Getzfeld (Author)

Editorial Reviews

Product Description

Essentials of Abnormal Psychology provides students and professionals with a concise overview of the major topics in abnormal psychology as well as chapters on the leading categories of disorders such as eating disorders, schizophrenic disorders, personality disorders, and substance-related disorders. This book utilizes the popular Essentials format and makes a perfect companion to primary texts on the topic or a useful study guide.

As part of the Essentials of Behavioral Science series, this book provides information mental health professionals need to practice knowledgably, efficiently, and ethically in today's behavioral healthcare environment. Each concise chapter features numerous callout boxes highlighting key concepts, bulleted points, and extensive illustrative material, as well as “Test Yourself” questions that help you gauge and reinforce your grasp of the information covered.

Condensing the wide-ranging topics of the field into a concise, accessible format for handy and quick-reference, Essentials of Abnormal Psychology is an invaluable tool for learning as well as a convenient reference for established mental health professionals.

Other titles in the Essentials of Behavioral Science series:
- Essentials of Child Psychopathology
- Essentials of Statistics for the Social and Behavioral Sciences
- Essentials of Psychological Testing
- Essentials of Research Design and Methodology

The Psychology of Coaching, Mentoring and Learning

**Ho Law** (Author), **Sara Ireland** (Author), **Zulfi Hussain** (Author)

**Editorial Reviews**

**Product Description**

The first book in the UK that addresses coaching psychology as a discipline, the Psychology of Coaching, Mentoring and Learning provides the reader with a thorough understanding of the rationale, theory and practice of coaching and mentoring from a psychological perspective.

In this innovative text, the authors introduce a new universal Integrated Framework (UIF) aimed at unifying the psychology underpinning this diverse and expanding field. This multilayered framework, based on the self and self-development, is a result of the latest thinking and research in the field. Working through the book, readers can learn how to reflect, become emotionally, socially and culturally aware, give and receive feedback, and self-evaluate. A wide range of tools and exercises are provided to implement the techniques described.

This practical guide demonstrates how individuals and organisations across cultures can easily apply the principles and techniques of coaching and mentoring. It is essential reading for psychologists, coaches, mentors and any senior executives and managers responsible for designing and evaluating effective coaching, mentoring and/or training programmes in their organisations. It is also a valuable resource for students of psychology who are considering a career in coaching, mentoring and training.

http://www.amazon.com/Psychology-Coaching-Mentoring-Learning/dp/0470028440/ref=sr_1_1?ie=UTF8&qid=1328085129&sr=1-1
Addressing an issue of central concern in social life, this authoritative book examines how having or lacking power influences the way individuals and groups think, feel, and act. Leading international experts comprehensively review classic and contemporary research with an eye toward bridging gaps across theories and levels of analysis. Compelling topics include the evolutionary bases of power; its effects on physiological processes, cognitive abilities, and health; what sorts of people are given power; when, how, and whom power corrupts; and power dynamics in gender, social class, and ethnic relations. The integrative concluding chapter presents a cogent agenda for future research.
Psychology for Social Workers: Black Perspectives on Human Development and Behaviour

Lena Robinson (Author)

Editorial Reviews

Product Description

Social work education has recently undergone major changes, with anti-discriminatory practice being a high priority area in professional training. *Psychology for Social Workers* provides an introductory text which will help qualifying and practising social workers to:

- understand and counteract the impact of discrimination;
- work in an ethnically sensitive way;
- demonstrate an awareness of ways to combat both individual and institutional racism through anti-racist practice.

Drawing together research material and literature on black perspectives in human development and behaviour from North America and Britain, it provides a starting point that will inspire discussion and debate in the social work field and will generate future theoretical and research questions. Among the topics covered are black perspectives in group work and the family, identity development and academic achievement in black children, and mental health issues in relation to black people.

Updated throughout to cover recent legislation, this second edition is an essential introductory text for all social workers in training and practice and for their teachers and trainers.

http://www.amazon.com/Psychology-Social-Workers-Perspectives-Development/dp/0415369134/ref=sr_1_1?ie=UTF8&qid=1328088809&sr=1-1
Jury Psychology: Social Aspects of Trial Processes
(Psychology, Crime and Law)
Joel D. Lieberman and Daniel A. Krauss (Author), Joel D. Lieberman (Editor), Daniel A. Krauss (Editor)

Editorial Reviews
Product Description
This is the first volume of an important new two-volume work on the Psychology of the Courtroom. Taken together, the two volumes offer a definitive account of the problems created by or influencing courtroom procedure and trial outcome from a psychological perspective. Each volume is also designed to be consulted separately. In "Jury Psychology: Social Aspects of the Trial Processes" a highly respected group of scholars explore the influence of trial procedures on juror decision-making. A wide range of topics are covered including pretrial publicity and inadmissible evidence, jury selection, jury instruction, and death penalty cases, as well as decision-making in civil trials. In addition, a number of global issues are discussed, including procedural justice issues and theoretical models of juror decision-making. A consideration of methodological issues relevant to the study of juror behavior is provided. All of these topics are discussed from a psychological perspective. Throughout the volume the authors make recommendations for improving trial procedures where jurors are involved, and they discuss how the problems and potential solutions are relevant to courts around the world. This volume will be essential reading for social psychologists, lawyers and legal scholars and criminologists.

http://www.amazon.com/Jury-Psychology-Social-Aspects-Processes/dp/0754626415/ref=sr_1_1?s=books&qid=1328089269&sr=1-1
Social Psychology of Punishment of Crime
Steffen Bieneck (Editor), Margit E. Oswald (Editor), Jorg Hupfeld-Heinemann (Editor)

Editorial Reviews
Product Description

In recent years, research interest has increased both in the needs of punishment by the public and in the psychological processes underlying decisions on sentencing. This comprehensive look at the social psychology of punishment focuses on recent advances, and presents new findings based on the authors’ own empirical research. Chapters explore the application of social psychology and social cognitive theories to decision making in the context of punishments by judges and the punitiveness of laymen. The book also highlights the different legal systems in the UK, US and Europe, discussing how attitudes to punishment can change in the context of cultural and social development.

http://www.amazon.com/Social-Psychology-Punishment-Steffen-Bieneck/dp/0470515996/ref=sr_1_1?s=books&ie=UTF8&qid=1328089475&sr=1-1
Evolution and the Social Mind: Evolutionary Psychology and Social Cognition (Sydney Symposium in Social Psychology)

Joseph P. Forgas (Editor), Martie G. Haselton (Editor), William von Hippel (Editor)

Editorial Reviews
Product Description

This book seeks to combine the study of human social cognition - the way we think, decide, plan and analyze social situations - with an evolutionary framework that considers these activities in light of evolutionary adaptations for solving problems of survival faced by our ancestors over thousands of generations. The chapters report recent research and theories illustrating how evolutionary principles can shed new light on the subtle and often subconscious ways that cognitive mechanisms guide peoples' thoughts, memories, judgments, attitudes and behaviors in social life.

The contributors to this volume, who are leading researchers in their fields, seek answers to such intriguing questions as: how can evolutionary principles help to explain human beliefs, attitudes, judgments, prejudice, and group preferences? Are there benefits to behaving unpredictably? Why are prototypical faces more attractive than atypical ones? How do men and women think about, and select potential mates? What are the adaptive functions of negative affect? What are the evolutionary influences on the way people think about and respond to social exclusion and ostracism?

Evolution and the Social Mind offers a highly integrated and representative coverage of this emerging field, and is suitable as a textbook in advanced courses dealing with social cognition and evolutionary psychology.

http://www.amazon.com/Evolution-Social-Mind-Evolutionary-Psychology/dp/1841694584/ref=sr_1_1?ie=UTF8&qid=1328089763&sr=1-1
The Economics of Social Responsibility: The World of Social Enterprises (Routledge Advances in Social Economics)

Carlo Borzaga (Editor), Leonardo Becchetti (Editor)

Editorial Reviews

Product Description

This book offers a rethinking of the burgeoning research on not-for-profit organizations and socially responsible economics. Adopting a comparative approach, the chapters explore and reinterpret the impact of social enterprises on the provision of general-interest services, work integration, microfinance, and fair trade, and show how these enterprises form the hub of an emerging economy of social responsibility. The book provides a new interpretation of social enterprises as entrepreneurial organizations that pursue social objectives and are successful due to the non-self-seeking motives of their members.

This book will be of interest to postgraduate students, professionals working in the not-for-profit sector, and scholars interested in socially responsible economics. It is particularly suitable for seminars and workshops focusing on the management of not-for-profit organizations, sustainable development, and globalization.

http://www.amazon.com/The-Economics-Social-Responsibility-Enterprises/dp/0415465761/ref=sr_1_1?ie=UTF8&qid=1330917041&sr=1-1#
Social Responsibility and Environmental Sustainability in Business: How Organizations Handle Profits and Social Duties

Preeta M Banerjee (Author), Vanita Shastri (Author)

Editorial Reviews

Product Description

This book advocates global social entrepreneurship through the use of innovative, inexpensive, and locally customized solutions. Using in-depth and contemporary case studies, the book demonstrates how to define, measure, and achieve socially and environmentally sustainable growth. The book inspires social entrepreneurs to build new models of sustainable growth, to scale existing solutions, and to create new public private partnerships.

Ethics and Social Responsibility: Asian and Western Perspectives
Gary Chan (Author), George TL Shenoy (Author)

Editorial Reviews
Product Description

This book is the result of the collaboration of seven faculty members of the School of Law, Singapore Management University (SMU), who have been teaching Ethics and Social Responsibility as a core course at SMU for many years.

Almost all the currently available books on the subject are of Western origin, with concepts and examples largely drawn from the West. They deal with some problems that are not relevant to Asian students and are based on laws that may not find counterparts in Asia. Conversely, some issues that are of concern in Asia are either not dealt with at all or not dealt with adequately. There is a pressing need to correct this imbalance since Asia is currently home to more than half of the world's population and hosts several economic powerhouse countries. This book, while drawing upon the scholarship of the West, attempts to bridge the gap and stimulate thinking on ethics and social responsibility issues in a global perspective that Asians can relate to.

The book incorporates a number of special pedagogical features: An outline of the learning objectives for each chapter, the use of open-ended questions to provoke further reflection and discussion, illustrations and case studies to highlight certain ethical concepts and their applications, and review questions in each chapter which help consolidate students' understanding of the topics.

Although conceived as a textbook for students taking the course Ethics and Social Responsibility at SMU, this book will be equally useful to students pursuing similar studies at other tertiary institutions and professional bodies, professionals in the fields of accounting, law and finance, as well as businessmen and members of the general public who wish to gain an insight into ethics and social responsibility.

http://www.amazon.com/Ethics-Social-Responsibility-Western-Perspectives/dp/0071270264/ref=sr_1_2?s=books&ie=UTF8&qid=1330925221&sr=1-2
Corporate Social Responsibility in the Construction Industry

Michael Murray (Editor), Andrew Dainty (Editor)

Editorial Reviews

Product Description

The construction process, right through from planning and design to use and demolition, has a major impact on society. Traditionally, concern has been focused on its environmental impact and the quest for sustainability, but this has now extended into the wider remit of Corporate Social Responsibility (CSR). Essentially, this means that businesses must act (voluntarily) in a socially ethical manner by developing a policy that encompasses the core principles enshrined by CSR.

A unique presentation on a topic of emerging importance, Corporate Social Responsibility in the Construction Industry is essential reading for all built environment undergraduate and post-graduate courses, as well as CEOs and senior managers within construction businesses who may be about to embark on developing a CSR strategy.

http://www.amazon.com/Corporate-Social-Responsibility-Construction-Industry/dp/0415362083/ref=sr_1_1?ie=UTF8&qid=1330925513&sr=1-1
The Ashgate Research Companion to Corporate Social Responsibility (Corporate Social Responsibility Series)

David Crowther and Nicholas Capaldi (Author), David Crowther (Editor), Nicholas Capaldi (Editor)

Editorial Reviews

Product Description

In recent years, the term corporate social responsibility (CSR) has gained prominence, both in business and in the media, not least because of the rise in power of the trans-national corporation in an increasingly globalised world. It is one of the most debated management issues, yet there is a lack of consensus on what the concept means, what it entails, why it should be embraced and how. This new "Ashgate Research Companion" brings together a team of scholars from around the world offering their view of the key issues in corporate social responsibility research. Each author is concerned with different aspects of CSR, offering a variety of theoretical lenses and a wide range of perspectives from different countries and experiences. The companion shows the diversity of concerns which fall under the umbrella of corporate social responsibility and highlights a number of important issues for debate. It offers scholars and graduate students a valuable guide to current thinking and a comprehensive reference to this increasingly important field.

[Table with accessions and due dates]

http://www.amazon.com/Ashgate-Research-Companion-Corporate-Responsibility/dp/0754647773/ref=sr_1_1?s=books&ie=UTF8&qid=1330926401&sr=1-1
Ethics, Psyche and Social Responsibility
(Corporate Social Responsibility Series)
Ana Maria Davila Gomez (Editor), David Crowther (Editor)

Editorial Reviews
Product Description

The last few decades have seen significant changes in the structure of business organisations, including downsizing, outsourcing and flattened management structures. The effects on employees have been considerable. In this context the importance of the psychological contract between employer and employee has been overlooked, and there is uncertainty about what can be done to bring about changes to this contract and ultimately the future of organisations. This important book considers the psychological aspects of organisational life, particularly in the context of firms’ ethical behaviour and its implications for corporate social responsibility. The authors consider the effects of corporate activity and change on individuals not just in their working lives but also in their family and social lives. They consider a diverse number of topics from a variety of theoretical standpoints in an ongoing attempt to redress this neglected field of research.

http://www.amazon.com/Ethics-Psyche-Social-Responsibility-Corporate/dp/0754670899/ref=sr_1_1?ie=UTF8&qid=1330927088&sr=1-1
William R. Blackburn (Author)

Editorial Reviews
Product Description

The Sustainability Handbook covers all the challenges, complexities and benefits of sustainability for businesses, governments and other organizations. It provides a blueprint for how organizations can reach or exceed economic, social and environmental excellence. It offers a host of practical approaches and tools including a model sustainability policy for organizations, summaries of sustainability codes and tips on selecting them, an extensive collection of metrics and a wealth of supplementary reference material. This is the essential reference for every organization in pursuit of sustainability.

Tourism in the New South Africa: Social Responsibility and the Tourist Experience (Tourism, Retailing and Consumption)

Garth Allen (Author), Frank Brennan (Author)

Editorial Reviews

Product Description

A new model of tourism development has recently emerged out of a widening concern for the morality of tourist experience. Known variously as ‘ecotourism’, ‘new tourism’, socially responsible tourism’, huge claims are made for it in terms of what it might offer in promoting national tourism development. Yet how well does this new model work in practice? And what does it mean to be an international tourist encountering the cultural, political and economic particularities of the South African experience? Garth Allen and Frank Brennan seek to explore the realities of this new morality of tourism as experienced in four important tourist areas of KwaZulu-Natal in South Africa: the greater St Lucia Wetland Park - South Africa’s third largest reserve and a vast and beautiful area accredited World Heritage Status; the Phinda Resource Reserve, renowned for its diverse habitats and rich wildlife; Kosi Bay, a wetland area of international importance; and the Durban beachfront. For the first time they try to locate the international tourist within the moral maze of tourism in the new South Africa. Their analysis can be applied to other societies committed to the belief that investing in tourism development will be a fast track to economic development and will resonate with the moral challenges facing the international tourist.

http://www.amazon.com/Tourism-New-South-Africa-Responsibility/dp/1860647944/ref=sr_1_1?ie=UTF8&qid=1330929582&s=books&sr=1-1
Teaching International Business: Ethics and Corporate Social Responsibility
Erdener Kaynak (Author), Gopalkrishnan R Iyer (Author)

Editorial Reviews
Product Description

Instill social responsibility in your students!

“Ethical behavior in international business is our strongest hope, especially at a time when alternative systems of governing individual and corporate behaviors are at their weakest levels.” --Gopalkrishnan R. Iyer, from the chapter “Approaches to Ethics in International Business Education

In recent years there has been a rapid growth of academic and practical interest in business ethics and social responsibility at the corporate level. Teaching International Business: Ethics and Corporate Social Responsibility is a collection of academic writings on the issues and challenges of incorporating ethics and corporate social responsibility concerns into international business education.

The logic of economic globalization presumes that economic principles and business ethics are universal, but in fact, cross-cultural realities and indigenous perspectives are often quite unique. Teaching International Business: Ethics and Corporate Social Responsibility covers the major perspectives in business ethics as they relate to international business.

In Teaching International Business: Ethics and Corporate Social Responsibility, you will explore:

- techniques and approaches for teaching ethics and social responsibility to your students
- individual versus corporate responsibility
- cultural effects on generally accepted accounting principles (GAAP)
- cultural effects on generally accepted auditing standards (GAAS)
- globalization and its impacts
- ethical issues in international marketing

Teaching International Business: Ethics and Corporate Social Responsibility brings you ethical issues and perspectives in economics, management, finance, accounting, and marketing. The broad range of approaches and issues presented here will be of immense use to
educators teaching foundational international business courses. This volume will go a long way in gripping students’ interests while delivering relevant educational information.

Ownership and Value Creation: Strategic Corporate Governance in the New Economy

Rolf H. Carlsson (Author)

Editorial Reviews

Product Description

“Who owns the modern company? And how should owners behave? Rolf H. Carlsson brings a fresh eye and historical depth to the issue of ownership, management and value creation that every firm and its owners must consider.”
Frances Cairncross, Management Editor, The Economist

“Rolf H. Carlsson gives a valuable historical review and illustrates with cases how active ownership has played an important role in company development...gives...interesting views on where corporate governance is heading and...advice on how to make it work well.”
Percy Barnevik, Chairman of ABB, AstraZeneca, Investor, and Sandvik; Director (non-exec.) of GM

“The nuanced and rich analysis of ownership competence which can be found in Rolf H. Carlsson's book goes far beyond the traditional debate and provides truly interesting and valuable insights for investors, industrialists, entrepreneurs, and owners both in the private and the public sectors.”
Richard Normann, Professor, Chairman of SMG

“Rolf H. Carlsson (analyses the) process...of (creating) long-term shareholder value...in which our model for corporate governance is key, and provides valuable insights into our approach to business.”
Marcus Wallenberg, CEO, Investor AB

“Rolf H. Carlsson's...book on ownership (has been) eagerly awaited by the governance community. Carlsson is uniquely able to illumine those areas in which Swedish corporate structuring has been ahead of the world. It is a book that we all look forward to reading.”
Robert A. G. Monks, Principal, Lens Investment Management

“Carlsson...outlines a powerful frame of reference and analytical tools to address issues of value creation and the role of active owners. This book is a significant contribution to the all-important issues of corporate governance. I was intrigued and pleased to read it.”
Richard H. Koppes, Jones Day and Stanford Law School; former General Counsel, CalPERS

“...adds new perspectives by highlighting the demanding challenges of globalisation. A remarkable new book on the crucial issues of ownership and corporate governance.”
Dr R. Marsch-Barner, Senior Counsel, Deutsche Bank AG
"This innovative book puts the spotlight on those who have the ultimate responsibility for corporate governance, the owners. It provides useful insight into the ways of effective ownership."

Professor Jay W. Lorsch, Harvard Business School

http://www.amazon.com/Ownership-Value-Creation-Strategic-Governance/dp/0471632198/ref=sr_1_1?s=books&ie=UTF8&qid=1330935817&sr=1-1
Assessing Financing, Education, Management and Policy Context for Strategic Planning of Human Resources for Health

T. Bärnighausen (Author), T. Bossert (Author), D. Bowser (Author), G. Gedik (Author), A. Mitchell (Author)

Editorial Reviews

Product Description

This book contains a method for assessing the financial, educational and management systems and policy context, essential for strategic planning and policy-development for human resources for health. This tool has been developed as an evidence-based comprehensive diagnostic aid to inform policy-making in low and middle-income countries in regards to human resources for health. It does so in three stages by assessing the current status of the health workforce and capacities for health workforce policy implementation with a particular focus on four aspects - finance, education, management and policy-making; by identifying priority requirements and actions based on the current status of the health workforce; and by showing how to sequence policies and draw up a prioritized action plan for human resources for health.

This tool is designed as an initial diagnostic instrument to be used in a process of developing a national strategic plan on human resources for health. It helps to provide a rapid initial assessment and a preliminary strategic plan as part of a longer-term and sustained process of human resources planning. It is not intended to assess the appropriateness of a workforce's skills mix or the technical quality of pre-service curricula, which are the subjects of several other assessment tools. Rather, it focuses on determining - and providing sequenced recommendations to improve upon- system capacities to increase the effectiveness of the health workforce.

http://www.amazon.com/Assessing-Financing-Education-Management-Strategic/dp/9241547316/ref=sr_1_1?s=books&ie=UTF8&qid=1332215736&sr=1-1
Reforming Political Financing in Malaysia

Transparency International - Malaysia (Author)

Editorial Reviews

Product Description

The exercise of democracy in modern political system has become inseparable from the role that political parties play in popular representation. Today, substantial resources need to be mobilized to participate in the political process, making political parties a dominant force in the political landscape of governance. As a result, political parties have come to exert much influence on society and its institutions, affecting the way democracies function. This has had implications on basic democratic principles such as geographical representation, majority rule through a government of elected representatives and contestation by a diversity of political parties.

This book concerns the financing of political activities, political parties, candidates and elections in Malaysia, covering both past and present political landscapes. It aims to provide insights into the strengths and weaknesses of the electoral system in parliamentary and state elections as well as electoral campaigns within parties.

It is important to recognize that the monetisation of politics is a widespread phenomenon in Malaysia and that it contributes to the cancer of corruption. To address this challenge, it is imperative to undertake deep reforms of the political system, covering all aspects of national affairs that are relevant to political financing.

This book is an advocacy tool. It calls for greater public disclosure in the financing of politics, autonomous and effective enforcement by regulatory agencies and a de-linking of politics from business in term of party ownership of corporate enterprises to create a level playing field in Malaysian electoral competition.

http://www.amazon.com/Reforming-Political-Financing-Transparency-International/dp/983429042X/ref=sr_1_1?ie=UTF8&qid=1332216132&sr=1-1
The promotion and protection of health is essential to human welfare and to sustained economic and social development. People rate health as being one of their most important priorities but timely access to appropriate health services requires a well-functioning health financing system.

WHO’s Member States have set themselves the target of developing their health financing systems to ensure that all people can use health services, while being protected against financial hardship associated with paying for them.

In this report, the World Health Organization maps out what countries can do to modify their financing systems so they can move more quickly to universal coverage, and sustain the gains that have been achieved. The report builds on new research and lessons learnt from country experience. It provides an action agenda for countries at all stages of development and proposes ways that the international community can better support efforts in low-income countries to achieve universal coverage and improve health outcomes.
How should the Obama administration lay a solid foundation for growth? As Michael Likosky describes, the Obama Bank can forge partnerships with the private sector to promote a durable twenty-first-century New Deal. The idea is to partner with the private sector to produce public goods such as high-speed rail, clean energy, information technology, drinking water, and other vital infrastructures.

Global Tuberculosis Control 2008 Surveillance Planning Financing

World Health Organization (Author)

Editorial Reviews

Product Description

The report presents WHO's latest assessment of the epidemiological burden of TB (numbers of cases and deaths), as well as progress towards the 2015 targets for global TB control that have been established within the context of the Millennium Development Goals (MDGs). Bringing together data reported by 202 out of 212 countries and territories in 2007, as well as data collected from these countries and territories in previous years, Global tuberculosis control 2008 is the definitive source of information about the national and international response to the worldwide TB epidemic.

http://www.amazon.com/Tuberculosis-Control-Surveillance-Planning-Financing/dp/9241563540/ref=sr_1_1?s=books&qid=1332218680&sr=1-1
Financing Health Care: New Ideas for a Changing Society
(Health Care and Disease Management)

Mingshan Lu (Editor), Egon Jonsson (Series Editor)

Editorial Reviews

Product Description

This book is the first volume in a completely new public health book series, edited by the Institute of Health Economics (IHE) in Edmonton, Canada. Written by leading experts in the field, Financing Health Care: New Ideas for a Changing Society offers a comprehensive overview of possible health care financing from an international perspective. Starting with various funding methods, this important reference work also features sections on different health care payment and purchasing mechanisms, as well as equity issues. This book is an invaluable resource for all medical and allied health professionals, and those working in health care industries, insurance, and economics.

http://www.amazon.com/Financing-Health-Care-Changing-
Management/dp/352732027X/ref=sr_1_2?ie=UTF8&qid=1332219379&sr=1-2
Across the Borders (Modern Economic and Social History)
Ralf Roth and Günther Dinhobl (Author), Ralf Roth (Editor), Günther Dinhobl (Editor)

Editorial Reviews
Product Description

Until now, we have only had relatively narrow economic studies comparing investments in railways with investments in other fields of individual economies. ‘Across the Borders’ not only opens the door for fundamental new insights into a trans-national view of railway history, but also contributes to a break through in the wider study of the subject, providing the first extensive historical investigation of the world wide system of railway financing. This book provides a wide introduction to how financiers, governments and entrepreneurs in Europe managed to face the challenges of constructing and maintaining an integrated railway network, both in their own countries and their colonies. This volume offers analysis from a selection of experts exploring the trans-national investment policies of railway construction based on numerous historical case-studies. The chapters provide insight into the international opportunities that existed for railway financing, from the perspective of economic, social, transport and railway history. With contributions from authors from 19 countries the volume is a truly international work that will be of interest to academic researchers, museum staff, archivists, and anyone who has an interest in the history and development of railways.

http://www.amazon.com/Across-Borders-Modern-Economic-History/dp/075466029X/ref=sr_1_fkmr1_1?s=books&ie=UTF8&qid=1332228668&sr=1-1-fkmr1
Pricing Theory, Financing of International Organisations and Monetary History (Routledge Explorations in Economic History)

Lawrence H. Officer (Author)

Editorial Reviews

Product Description

This book presents the lifelong and ongoing research of Lawrence H. Officer in a systematic way. The result is an authoritative treatment of such issues as market structure and economic efficiency where more than one characteristic of a commodity is priced, both in general and in application to shipping conferences; financing of the United Nations and International Monetary Fund; monetary history of the UK and US; and central-bank preferences between gold and dollars.

The book first examines multidimensional pricing, defined as pricing when a commodity or service has several characteristics that are priced. The second part is concerned with country-group conflicts in the United Nations and International Monetary Fund. The book then takes a fresh look at historical experiences of monetary-standard upheavals and the final part considers a crucial time (1958-67), during which central-bank gold-dollar decisions were power-politically determined.

http://www.amazon.com/Financing-International-Organisations-Routledge-Explorations/dp/0415770653/ref=sr_1_1?ie=UTF8&qid=1332231380&sr=1-1
Countering the Financing of Terrorism

Thomas J. Biersteker (Editor), Sue E. Eckert (Editor)

Editorial Reviews

Product Description

Groups committing acts of terrorism have adapted their means of financing to elude detection since the 9/11 attacks in the United States. Surveying the global community’s multi-year effort to cut off terrorist funding, this volume offers a much-needed analysis of a complex, widely discussed, yet poorly understood subject. While books on terrorism have touched upon the topic, this is the first comprehensive, balanced, and scholarly overview of terrorist financing, its methods, and efforts to counter it.

Bringing together leading analysts of terrorism, international relations, global finance, law, and criminology, Countering the Financing of Terrorism provides a critical assessment of the international effort to restrict terrorist financing. It evaluates the costs and benefits and offers recommendations for more effective policies for the future.

http://www.amazon.com/Countering-Financing-Terrorism-Thomas-Biersteker/dp/0415396425/ref=sr_1_1?s=books&ie=UTF8&qid=1332231901&sr=1-1#_
Terrorism Financing and State Responses: A Comparative Perspective
Harold Trinkunas (Editor), Jeanne Giraldo (Editor)

Editorial Reviews
Product Description

Financial and material resources are correctly perceived as the life blood of terrorist operations, and governments have determined that fighting the financial infrastructure of terrorist organizations is the key to their defeat. Since the attacks of September 11, 2001, a good deal has been learned about sources and mechanisms used to finance the “new” terrorism, which is religiously motivated and exponentially more deadly than previous generations of terrorist organizations. New policies have been devised to combat the threat and existing policies have been enacted with greater vigor than ever before. Five years into the battle against terrorist financing, it is time to take stock of the emerging literature on terrorist financing, cut through a number of myths that have developed around the issue, and assess the current policy debates.

Through a series of thematic chapters and organizational and regional case studies—examining terrorist organizations such as Al Qaeda and Hezbollah, and regions such as East Africa, Europe, Latin America, the Middle East, and South East Asia—the authors provide a comprehensive assessment of the state of our knowledge about the nature of terrorism financing, and the evolution and effectiveness of terrorist strategies and government responses. This volume focuses on the preferences of major actors within terrorist networks and government agencies and the domestic and international contexts in which they make decisions and execute their strategies. It argues that both terrorism financing and government responses face problems of coordination, oversight, and information asymmetries that render them vulnerable to disruption.

http://www.amazon.com/Terrorism-Financing-State-Responses-Comparative/dp/0804755663/ref=sr_1_1?s=books&ie=UTF8&qid=1332233574&sr=1-1#_
Case Studies in 21st Century School Administration: Addressing Challenges for Educational Leadership

David L. Gray (Author), Agnes Smith (Author)

Editorial Reviews

Product Description

Case Studies in 21st Century School Administration: Addressing Challenges for Educational Leadership presents real problems that confront today’s school leaders who must deal with issues of diversity, school improvement, and limited resources. Authors David L. Gray and Agnes E. Smith give prospective school leaders opportunities to resolve complex issues in K-12 school settings through reflective questions, activities, and authentic assessment tools for skill development.

http://www.amazon.com/Case-Studies-Century-School-Administration/dp/1412927528/ref=sr_1_1?s=books&ie=UTF8&qid=1335768892&sr=1-1
Thermodynamics Seventh Edition covers the basic principles of thermodynamics while presenting a wealth of real-world engineering examples so students get a feel for how thermodynamics is applied in engineering practice. This text helps students develop an intuitive understanding of thermodynamics by emphasizing the physics and physical arguments. Cengel/Boles explore the various facets of thermodynamics through careful explanations of concepts and its use of numerous practical examples and figures, having students develop necessary skills to bridge the gap between knowledge and the confidence to properly apply knowledge.

The media package for this text is extensive, giving users a large variety of supplemental resources to choose from. A Student Resources DVD is packaged with each new copy of the text and contains the popular Engineering Equation Solver (EES) software. McGraw-Hill's new Connect is available to students and instructors. Connect is a powerful, web-based assignment management system that makes creating and grading assignments easy for instructors and learning convenient for students. It saves time and makes learning for students accessible anytime, anywhere. With Connect, instructors can easily manage assignments, grading, progress, and students receive instant feedback from assignments and practice problems.

Stochastic Global Optimization Techniques and Applications in Chemical Engineering: Techniques and Applications in Chemical Engineering,
Gade Pandu Rangaiah (Author, Editor)

Editorial Reviews
Product Description

Optimization has played a key role in the design, planning and operation of chemical and related processes, for several decades. Global optimization has been receiving considerable attention in the past two decades. Of the two types of techniques for global optimization, stochastic global optimization is applicable to any type of problems having non-differentiable functions, discrete variables and/or continuous variables. It, thus, shows significant promise and potential for process optimization.

So far, there are no books focusing on stochastic global optimization and its applications in chemical engineering. Stochastic Global Optimization a monograph with contributions by leading researchers in the area bridges the gap in this subject, with the aim of highlighting and popularizing stochastic global optimization techniques for chemical engineering applications. The book, with 19 chapters in all, is broadly categorized into two sections that extensively cover the techniques and the chemical engineering applications.

Combustion and Incineration Processes: Applications in Environmental Engineering, Fourth Edition
Walter R. Niessen (Author)

Editorial Reviews
Product Description

In our “throwaway” society, with landfills filled to capacity, interest in incineration- and conversion-based waste management technologies continues to grow. Increasing net waste generation rates within U.S. metropolitan centers, skyrocketing transportation costs for waste hauling, and the enticement of increased electrical revenues from “green” power sources all amplify the need for better technologies.

Written by an internationally renowned expert with fifty years of experience, Combustion and Incineration Processes: Applications in Environmental Engineering, Fourth Edition has been updated to reflect the latest advances in the field, keeping pace with the evolution of complex and interdisciplinary technology that can better the environment. Detailing the changes that have occurred since the previous editions appeared, this volume’s expanded scope includes additional details, data, and graphics regarding the design and operational characteristics of municipal and industrial waste incineration and conversion systems and numerous refinements in associated pollution control.

The book offers a thorough overview of:

- Design, operation, and evaluation of incineration and conversion (gasification) systems for hazardous and non-hazardous gaseous, liquid, biosolid, and solid wastes
- The waste management facility, from contaminant receipt, materials handling, and storage to stack discharge and dispersion
- Breakthroughs in air pollution control
- Waste and residue characteristics
- Advances in materials handling, waste processing, refractory and materials engineering, combustion technology, and energy recovery to reduce and control toxins and pollutants in the environment

Achievement of true Zero Waste, or the eradication of landfills, will likely require thermal processing to economically extract the ultimate useful value from waste residue after minimization, reuse, and recycling. The latest technical advances continue to evolve and attract increased attention, and this
book provides the requisite technical education and guidance to those responsible for selection and procurement of these new systems.

http://www.amazon.com/Combustion-Incineration-Processes-Applications-Environmental/dp/1439805032/ref=sr_1_1?s=books&ie=UTF8&qid=1335775523&sr=1-1
Nanoscale Materials in Chemistry: Environmental Applications
(ACS Symposium)
Larry Erickson (Editor), Ranjit Koodali (Editor), Ryan Richards (Editor)

Editorial Reviews
Product Description

Nanoscale Materials in Chemistry describes research on the development of catalysts and adsorbents based on nanoscale materials. It includes new fundamental research and applications, beginning with a review of research on the development of nanoscale metal oxides that have environmental applications. Information on product development is described for selected products that have been developed and commercialized.

This book is for scientists and engineers who are engaged in research, development, and commercialization of nanoscale materials for environmental applications. Those interested in the pathway from idea to product will find this book valuable to them. Those interested in sustainable indoor environments will find new information on in room devices that may be able to reduce energy use in buildings. Toxicology and product safety are included as well.

Engineering education in K-12 classrooms is a small but growing phenomenon that may have implications for engineering and also for the other STEM subjects—science, technology, and mathematics. Specifically, engineering education may improve student learning and achievement in science and mathematics, increase awareness of engineering and the work of engineers, boost youth interest in pursuing engineering as a career, and increase the technological literacy of all students. The teaching of STEM subjects in U.S. schools must be improved in order to retain U.S. competitiveness in the global economy and to develop a workforce with the knowledge and skills to address technical and technological issues.

*Engineering in K-12 Education* reviews the scope and impact of engineering education today and makes several recommendations to address curriculum, policy, and funding issues. The book also analyzes a number of K-12 engineering curricula in depth and discusses what is known from the cognitive sciences about how children learn engineering-related concepts and skills.

*Engineering in K-12 Education* will serve as a reference for science, technology, engineering, and math educators, policy makers, employers, and others concerned about the development of the country's technical workforce. The book will also prove useful to educational researchers, cognitive scientists, advocates for greater public understanding of engineering, and those working to boost technological and scientific literacy.
Principles of Environmental Engineering and Science
Mackenzie L. Davis (Author), Susan J. Masten (Author)

Editorial Reviews
Product Description

*Principles of Environmental Engineering* is intended for a course in introductory environmental engineering for sophomore- or junior-level students. This text provides a background in fundamental science and engineering principles of environmental engineering for students who may or may not become environmental engineers.

*Principles* places more emphasis on scientific principles, ethics, and safety, and focuses less on engineering design. The text exposes students to a broad range of environmental topics—including risk management, water quality and treatment, air pollution, hazardous waste, solid waste, and ionizing radiation as well as discussion of relevant regulations and practices.

The book also uses mass and energy balance as a tool for understanding environmental processes and solving environmental engineering problems.

This new edition includes an optional chapter on Biology as well as a thorough updating of environmental standards and a discussion of how those standards are created.

Editorial Reviews

Product Description

This volume presents the proceedings of the 7th Asian-Pacific Conference on Medical and Biological Engineering (APCMBE 2008). Themed "Biomedical Engineering Promoting Sustainable Development of Modern Medicine" the proceedings address a broad spectrum of topics from Bioengineering and Biomedicine, like Biomaterials, Artificial Organs, Tissue Engineering, Nanobiotechnology and Nanomedicine, Biomedical Imaging, Bio MEMS, Biosignal Processing, Digital Medicine, BME Education. It helps medical and biological engineering professionals to interact and exchange their ideas and experiences.

Smart Technologies for Safety Engineering
Jan Holnicki-Szulc (Editor)

Editorial Reviews
Product Description

Smart technologies comprise a dynamic new interdisciplinary research field that encompasses a wide spectrum of engineering applications including, but not limited to, intelligent structures and materials, actuators, sensors and structural observability, control systems and software tools for the design of adaptive structures. Smart technologies focus on the issues surrounding the safety and integrity of engineering systems.

*Smart Technologies for Safety Engineering* presents the achievements of ten years of research from the Smart-Tech Centre applied to some of the key issues of safety engineering. Results presented include:

- Original methods and software tools for modelling, design, simulation and control of adaptive structures and applicability of the adaptive concept to the design of structures for extreme loads;
- Application of the smart-tech concept to hot research topics and emerging engineering issues including health monitoring of structures and engineering systems, monitoring of loading conditions, automatic structural adaptation to unpredictable, randomly changing dynamic conditions and the optimal design of adaptive structures and engineering systems;
- Numerically efficient and original software packages that can be used for the design of adaptive, as well as passive (without control devices) structures.
- The Virtual Distortion Method, which has been developed especially for fast reanalysis of structures and systems and exact sensitivity analysis, allowing for effective modelling, design, health monitoring and control of smart engineering systems.

The original research and practical applications in Smart Technologies for Safety Engineering will appeal to a broad spectrum of engineers, researchers, professors and graduate students involved in the research, design and development of widely understood adaptronics and mechatronics, including smart structures and materials, adaptive impact absorption, health and load monitoring, vibration control, vibroacoustics and related issues.
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http://www.amazon.com/Smart-Technologies-Safety-Engineering-Holnicki-Szulc/dp/0470058463/ref=sr_1_1?s=books&ie=UTF8&qid=1335777982&s=r=1-1
Combustion Engineering Issues for Solid Fuel Systems

Bruce G. Miller (Author), David Tillman (Author)

Editorial Reviews

Product Description

Design, construct and utilize fuel systems using this comprehensive reference work. Combustion Engineering Issues for Solid Fuel Systems combines modeling, policy/regulation and fuel properties with cutting edge breakthroughs in solid fuel combustion for electricity generation and industrial applications. This book moves beyond theory to provide readers with real-life experiences and tips for addressing the various technical, operational and regulatory issues that are associated with the use of fuels. With the latest information on CFD modeling and emission control technologies, Combustion Engineering Issues for Solid Fuel Systems is the book practicing engineers as well as managers and policy makers have been waiting for.

- Provides the latest information on CFD modeling and emission control technologies
- Comprehensive coverage of combustion systems and fuel types
- Addresses policy and regulatory concerns at a technical level
- Tackles various technical and operational issues

The Economics of New Health Technologies: Incentives, organization, and financing

Joan Costa-Font (Editor), Christophe Courbage (Editor), Alistair McGuire (Editor)

Editorial Reviews

Product Description

Technological change in healthcare has led to huge improvements in health services and the health status of populations. It is also pinpointed as the main driver of healthcare expenditure. Although offering remarkable benefits, changes in technology are not free and often entail significant financial, as well as physical or social risks. These need to be balanced out in the setting of government regulations, insurance contracts, and individual's decisions to use and consume certain technologies. With this in mind, this book addresses the following important objectives: to provide a detailed analysis of what technological change is; to identify drivers of innovation in several healthcare areas; to present existing mechanisms and processes for ensuring and valuing efficiency and development in the use of medical technologies; and to analyze the impact of advances in medical technology on health, healthcare expenditure, and health insurance.

Each of the seventeen chapters summarizes an important issue concerning the innovation debate and contributes to a better understanding of the role innovation has both at the macro level and at the delivery (meso) and micro level in the healthcare sector. The effectiveness of innovation in improving people's welfare depends on its diffusion and inception by the relevant agents in the health production process, and this book recognizes the multi-faceted contribution of policy makers, regulators, managers, technicians, consumers and patients to this technology.

This book offers the first truly global economic analysis of healthcare technologies, taking the subject beyond simply economic evaluation and exploring the behavioral aspects, organization and incentives for new technology developments, and the adoption and diffusion of these technologies.

http://www.amazon.com/The-Economics-New-Health-Technologies/dp/0199550689/ref=sr_1_1?s=books&ie=UTF8&qid=1338554106&sr=1-1#_
Assessing Financing, Education, Management and Policy Context for Strategic Planning of Human Resources for Health

T. Bärnighausen (Author), T. Bossert (Author), D. Bowser (Author), G. Gedik (Author), A. Mitchell (Author)

Editorial Reviews

Product Description

This book contains a method for assessing the financial, educational and management systems and policy context, essential for strategic planning and policy-development for human resources for health. This tool has been developed as an evidence-based comprehensive diagnostic aid to inform policy-making in low and middle-income countries in regards to human resources for health. It does so in three stages by assessing the current status of the health workforce and capacities for health workforce policy implementation with a particular focus on four aspects - finance, education, management and policy-making; by identifying priority requirements and actions based on the current status of the health workforce; and by showing how to sequence policies and draw up a prioritized action plan for human resources for health.

This tool is designed as an initial diagnostic instrument to be used in a process of developing a national strategic plan on human resources for health. It helps to provide a rapid initial assessment and a preliminary strategic plan as part of a longer-term and sustained process of human resources planning. It is not intended to assess the appropriateness of a workforce's skills mix or the technical quality of pre-service curricula, which are the subjects of several other assessment tools. Rather, it focuses on determining - and providing sequenced recommendations to improve upon- system capacities to increase the effectiveness of the health workforce.

http://www.amazon.com/Assessing-Financing-Education-Management-Strategic/dp/9241547316/ref=sr_1_1?ie=UTF8&qid=1338554494&sr=1-1

World Health Organization (Author)

Editorial Reviews

Product Description

The promotion and protection of health is essential to human welfare and to sustained economic and social development. People rate health as being one of their most important priorities but timely access to appropriate health services requires a well-functioning health financing system.

WHO's Member States have set themselves the target of developing their health financing systems to ensure that all people can use health services, while being protected against financial hardship associated with paying for them.

In this report, the World Health Organization maps out what countries can do to modify their financing systems so they can move more quickly to universal coverage, and sustain the gains that have been achieved. The report builds on new research and lessons learnt from country experience. It provides an action agenda for countries at all stages of development and proposes ways that the international community can better support efforts in low-income countries to achieve universal coverage and improve health outcomes.

How should the Obama administration lay a solid foundation for growth? As Michael Likosky describes, the Obama Bank can forge partnerships with the private sector to promote a durable twenty-first-century New Deal. The idea is to partner with the private sector to produce public goods such as high-speed rail, clean energy, information technology, drinking water, and other vital infrastructures.

Global Tuberculosis Control 2008 Surveillance Planning Financing
World Health Organization (Author)

Editorial Reviews
Product Description

The report presents WHO’s latest assessment of the epidemiological burden of TB (numbers of cases and deaths), as well as progress towards the 2015 targets for global TB control that have been established within the context of the Millennium Development Goals (MDGs). Bringing together data reported by 202 out of 212 countries and territories in 2007, as well as data collected from these countries and territories in previous years, Global tuberculosis control 2008 is the definitive source of information about the national and international response to the worldwide TB epidemic.

http://www.amazon.com/Tuberculosis-Control-Surveillance-Planning-Financing/dp/9241563540/ref=sr_1_1?ie=UTF8&qid=1338555331&s=books&sr=1-1
Sustainability in European Environmental Policy: Challenges of Governance and Knowledge (Routledge Advances in European Politics)
Rob Atkinson (Editor), Terzikas Georgios (Editor), Karsten Zimmermann (Editor)

Editorial Reviews

Product Description

This book examines sustainability in European environmental policy and explores the related challenges of governance and knowledge. It provides an assessment of the EU sustainability strategy and concentrates on three key directives: Strategic Environmental Assessment (SEA), Emissions Trading (ET) and Air Pollution control. *Sustainability in European Environmental Policy* develops an innovative analytical model for the study of governance for sustainability, focusing on the potential synergies between new governance modes and different forms of knowledge. This cross-national and comparative volume features research on nine European countries and focuses on topics including governance, spatial planning and networks in the context of sustainability policy and its development within UK, Germany, Italy, Hungary, the Netherlands, Poland, Sweden, Greece and Norway. Making an important contribution to debates on governance, sustainability, knowledge and policy, this book will be of interest to students and scholars of political science, environmental studies, urban studies and European studies.

http://www.amazon.com/Sustainability-European-Environmental-Policy-Challenges/dp/0415562899/ref=sr_1_1?s=books&ie=UTF8&qid=1338555543&sr=1-1
Financing Health Care (Health Care and Disease Management)
Mingshan Lu (Editor), Egon Jonsson (Series Editor)

Editorial Reviews
Product Description

This book is the first volume in a completely new public health book series, edited by the Institute of Health Economics (IHE) in Edmonton, Canada.

Written by leading experts in the field, Financing Health Care: New Ideas for a Changing Society offers a comprehensive overview of possible health care financing from an international perspective.

Starting with various funding methods, this important reference work also features sections on different health care payment and purchasing mechanisms, as well as equity issues.

This book is an invaluable resource for all medical and allied health professionals, and those working in health care industries, insurance, and economics.

http://www.amazon.com/Financing-Health-Care-Disease-Management/dp/352732027X/ref=sr_1_1?s=books&ie=UTF8&qid=1338556351&sr=1-1#
Pricing Theory, Financing of International Organisations and Monetary History (Routledge Explorations in Economic History)

Lawrence H. Officer (Author)

Editorial Reviews

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This book presents the lifelong and ongoing research of Lawrence H. Officer in a systematic way. The result is an authoritative treatment of such issues as market structure and economic efficiency where more than one characteristic of a commodity is priced, both in general and in application to shipping conferences; financing of the United Nations and International Monetary Fund; monetary history of the UK and US; and central-bank preferences between gold and dollars.

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http://www.amazon.com/Financing-International-Organisations-Routledge-Explorations/dp/0415770653/ref=sr_1_1?s=books&ie=UTF8&qid=1338556659&sr=1-1#
Countering the Financing of Terrorism

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http://www.amazon.com/Countering-Financing-Terrorism-Thomas-Biersteker/dp/0415396425/ref=sr_1_1?ie=UTF8&qid=1338556873&sr=8-1
Financing Development (Global Finance)

John J. Kirton and Paolo Savona (Author), Michele Fratianni (Author, Editor)

Editorial Reviews

Product Description

The critical challenge of financing development and sustainability is a key focus for the world's international financial institutions, led by the International Monetary Fund, the World Bank, and, above all, the G8. This volume assesses the current practice and perspectives of the major developed world countries that dominate the boards of the IMF and the World Bank and comprise the G8. It looks at the prospects for meeting the Millennium Development Goals in the most impoverished region of Africa, the way trade and finance instruments can help, and how the challenges of energy security and climate change control will affect the results. This volume offers in-depth analysis of: How the Millennium Development Goals are to be met; North-to-South resource transfers; and, the challenges of controlling climate control beyond Kyoto. In sum, this volume provides a critical and creative examination of what the G8 governments, especially at and after the 2005 Gleneagles summit, have done and what they should do to promote development and sustainability.

http://www.amazon.com/Financing-Development-Global-Finance-Kirton/dp/0754646769/ref=sr_1_1?s=books&ie=UTF8&qid=1338557062&sr=1-1
Many nonprofits are reluctant to develop a policies manual, believing that it takes far too much time, effort, and expertise. But the lack of responsible policies and governance can actually end up costing an organization much more in the long run -- both in reputation and in resources. Good Governance for Nonprofits is a succinct but thorough guide that will help organizations develop a board that is legally and ethically responsible and effective in advancing their needs. The authors offer a clear process for creating a policies manual to help boards apply proven standards of governance or "attributes of excellence." Now even with limited resources, nonprofit leaders will learn how to: * eliminate redundant or outdated policies * add new policies more effectively * clearly guide the CEO and evaluate his or her performance * ensure compliance with relevant legislation and regulations * understand why certain policies should be included * adapt the authors' templates to their specific needs.
Terrorism Financing and State Responses: A Comparative Perspective
Harold Trinkunas (Editor), Jeanne Giraldo (Editor)

Editorial Reviews

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Through a series of thematic chapters and organizational and regional case studies—examining terrorist organizations such as Al Qaeda and Hezbollah, and regions such as East Africa, Europe, Latin America, the Middle East, and South East Asia—the authors provide a comprehensive assessment of the state of our knowledge about the nature of terrorism financing, and the evolution and effectiveness of terrorist strategies and government responses. This volume focuses on the preferences of major actors within terrorist networks and government agencies and the domestic and international contexts in which they make decisions and execute their strategies. It argues that both terrorism financing and government responses face problems of coordination, oversight, and information asymmetries that render them vulnerable to disruption.

http://www.amazon.com/Terrorism-Financing-State-Responses-Comparative/dp/0804755663/ref=sr_1_1?ie=UTF8&qid=1342506017&sr=1-18&keywords=Terrorism+financing+and+state+responses%3A+a+comparative+perspective
Managing the Skies: Public Policy, Organization and Financing of Air Traffic Management
Clinton V., Jr. Oster (Author), John S. Strong (Author)

Editorial Reviews
Product Description

Over the past two decades, the organization and provision of air traffic control (ATC) services has been dramatically transformed. Privatization and commercialization of air navigation has become commonplace. Far-reaching reforms, under a variety of organizational structures and aviation settings, have occurred across the world, most notably in Canada, Britain, Australia, New Zealand, and South Africa. In contrast, innovations have lagged behind in other countries - including the United States. In addition, much recent attention has been given to aviation infrastructure and safety in Africa, in some parts of Asia and Latin America, and in rapidly growing air markets including India and China. In response, the International Civil Aviation Organization (ICAO), the International Air Transport Association (IATA), and multilateral banks and institutions have launched a major effort to improve the performance and safety of civil aviation in developing economies. ‘Managing the Skies’ has been written to provide a guide to what has been tried in air traffic management, what has worked, and what lessons might be learned. The book starts with an introduction to air navigation, its development and current state, as well as trends in aviation activity. It examines in detail the experiences of ATC in both mature and emerging markets across the world, considering many alternative models, efforts to restructure and comparisons of performance. The book contains several in-depth case studies to provide a truly global perspective of ATC practices. Particular attention is given to the FAA and its efforts and challenges in reforming ATC in the US, both historically and in the current climate. It addresses the issues of finance, organization, investment, and safety restructuring and reform options that are at the core of current debates involving air traffic control in the United States. Further to this, the authors discuss the alternatives available for future change. The book concludes by examining the cross-cutting issues of labor relations and organizational structures, presenting the lessons learned and considering what the future may hold. As the world experiences a resurgence in air travel and civil aviation, the issues discussed in ‘Managing the Skies’ are particularly timely not only for industry and government leaders, but for the world’s air travelers.
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Reference Guide to Anti-Money Laundering and Combating the Financing of Terrorism
Paul Allan Schott (Author)

Editorial Reviews
Product Description

This second edition of the ‘Reference Guide’ is a comprehensive source of practical information on how countries can fight money laundering and terrorist financing. Aimed at helping countries understand the new international standards, it discusses the problems caused by these crimes, the specific actions countries need to take to address them, and the role international organizations play in the process. The ‘Reference Guide’ is a valuable tool for establishing effective regimes to successfully prevent, detect, and prosecute money laundering and terrorist financing.

http://www.amazon.com/Reference-Anti-Money-Laundering-Combating-Financing/dp/0821365134/ref=sr_1_1?s=books&ie=UTF8&qid=1342511336&sr=1-1&keywords=Reference+guide+to+anti-money+laundering+and+combating+the+financing+of+terrorism
Financing Education in a Climate of Change

Vern Brimley (Author), Rulon R. Garfield (Author)

Editorial Reviews

Product Description

This classic text on school finance contains the most comprehensive and current information that affects school finance, including historical, economic, technological/mathematical, and legal points of view. The writing in this book is both scholarly and engaging, appealing to a diverse audience of students, educational leaders, parents, and legislators. School finance is an ever-changing topic and this text, now in its Ninth Edition, continues to cover all current trends to provide readers with a firm grounding in educational finance issues that administrators need to understand. It serves as an excellent reference for both practitioners and the academics.

Health Financing for Poor People: Resource Mobilization and Risk Sharing

Alexander S. Preker (Editor), Guy Carrin (Editor)

Editorial Reviews

Product Description

Most community financing schemes have evolved in the context of severe economic constraints, political instability, and lack of good governance. Usually government taxation capacity is weak, formal mechanisms of social protection for vulnerable populations absent, and government oversight of the informal health sector lacking. In this context of extreme public sector failure, community involvement in the financing of health care provides a critical albeit insufficient first step in the long march towards improved access to health care by the poor and social protection against the cost of illness. ‘Health Financing for Poor People’ stresses that community financing schemes are no panacea for the problems that low-income countries face in resource mobilization. They should be regarded as a complement to—not as a substitute for—strong government involvement in health care financing and risk management related to the cost of illness. Based on an extensive survey of the literature, the main strengths of community financing schemes are the extent of outreach penetration achieved through community participation, their contribution to financial protection against illness, and increase in access to health care by low-income rural and informal sector workers. Their main weaknesses are the low volume of revenues that can be mobilized from poor communities, the frequent exclusion of the very poorest from participation in such schemes without some form of subsidy, the small size of the risk pool, the limited management capacity that exists in rural and low-income contexts, and their isolation from the more comprehensive benefits that are often available through more formal health financing mechanisms and provider networks. The authors conclude by proposing concrete public policy measures that governments can introduce to strengthen and improve the effectiveness of community involvement in health care financing.

http://www.amazon.com/Health-Financing-Poor-People-Mobilization/dp/0821355252/ref=sr_1_1?ie=UTF8&qid=1342769437&sr=1-1&keywords=Health+financing+for+poor+people%3A+resource+mobilization+and+risk+sharing
Trends in Infrastructure Regulation and Financing: International Experience and Case Studies from Germany

Christian Von Hirschhausen (Editor), Thorsten Beckers (Editor), Kay Mitusch (Editor)

Editorial Reviews

Product Description

This book provides a balanced presentation of international trends in infrastructure regulation and financing. Based on recent developments in microeconomic theory, it comprehensively discusses the role of the state and the private sector in infrastructure provision. As well as a thorough overview of the relevant theoretical issues, the authors carefully examine national experiences of private participation in infrastructure. In particular, they explore sectoral restructuring in the electricity, telecommunications, water, and transport sectors. The book includes case studies from both Argentina and the UK, and places a particular focus on Germany which, for a developed country, is a peculiar latecomer in terms of infrastructure sector reform. The authors share the belief that radical, 'one-size-fits-all' solutions, which were vigorously supported a decade ago, have lost their appeal. Instead, they argue that gradual but consistent reforms are the key to ensuring successful infrastructure development. Well argued and rich in new insights, this book offers a meticulous and informative analysis of current trends in infrastructure privatization and deregulation. Among the authors are well-known specialists as well as younger researchers who provide a fresh perspective on the issue. The book will be of interest and relevance to researchers, academics, policymakers and international organizations interested in regulation and the modernization of infrastructure both in developed and developing countries.

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http://www.amazon.com/Trends-Infrastructure-Regulation-Financing-International/dp/1843767902/ref=sr_1_1?s=books&ie=UTF8&qid=1342769644&sr=1-1&keywords=Trends+in+infrastructure+regulation+and+financing+%3A+international+experience+and+case+studies+from+Germany
Designing Healthy Communities

Richard J. Jackson (Author), Stacy Sinclair (Contributor)

Editorial Reviews

Product Description

Designing Healthy Communities, the companion book to the acclaimed public television documentary, highlights how we design the built environment and its potential for addressing and preventing many of the nation's devastating childhood and adult health concerns. Dr. Richard Jackson looks at the root causes of our malaise and highlights healthy community designs achieved by planners, designers, and community leaders working together. Ultimately, Dr. Jackson encourages all of us to make the kinds of positive changes highlighted in this book. In this book Dr. Jackson inhabits the frontier between public health and urban planning, offering us hopeful examples of innovative transformation, and ends with a prescription for individual action. This book is a must read for anyone who cares about how we shape the communities and the world that shapes us. —Will Rogers, president and CEO, The Trust for Public Land

While debates continue over how to design cities to promote public health, this book highlights the profound health challenges that face urban residents and the ways in which certain aspects of the built environment are implicated in their etiology. Jackson then offers up a set of compelling cases showing how local activists are working to fight obesity, limit pollution exposure, reduce auto-dependence, rebuild economies, and promote community and sustainability. Every city planner and urban designer should read these cases and use them to inform their everyday practice. —Jennifer Wolch, dean, College of Environmental Design, William W. Wurster Professor, City and Regional Planning, UC Berkeley

Dr. Jackson has written a thoughtful text that illustrates how and why building healthy communities is the right prescription for America. —Georges C. Benjamin, MD, executive director, American Public Health Association

http://www.amazon.com/Designing-Healthy-Communities-Richard-Jackson/dp/1118033663/ref=sr_1_1?ie=UTF8&qid=1342773797&sr=1-1&keywords=Designing+healthy+communities
Exploring Human Sexuality: Making Healthy Decisions
Richard D. McAnulty (Author), M. Michele Burnette (Author)

Editorial Reviews
Product Description

This first edition presents the unifying theme of physical and psychological sexual health while encouraging students to think critically and make healthy decisions. The primary objective of this text is to promote sexual health and help students understand and make healthy decisions, within a framework that integrates physiological, psychological, and social aspects of sexuality. McAnulty and Burnette take a scholarly, research-oriented approach but present material within a "friendly advisor" framework and writing style, highlighting health issues and diversity. Throughout the text, students are repeatedly challenged to critically analyze and apply information to their own lives in an effort to make the readings relevant and, therefore, easier to learn and retain.

Nutrition for Healthy Living

Editorial Reviews

Product Description

*Nutrition for Healthy Living* takes an innovative approach to basic nutrition. With its uniquely concise organization and a distinct focus on consumerism, this engaging, fun-to-read text will provide students with the scientific foundation needed to make informed nutritional lifestyle decisions well beyond the classroom.

The New Edge in Knowledge: How Knowledge Management Is Changing the Way We Do Business

Carla O'Dell (Author), Cindy Hubert (Author)

Editorial Reviews

Product Description

The best thinking and actions in the fast-moving arena of collaboration and knowledge management

_The New Edge in Knowledge_ captures the most practical and innovative practices to ensure organizations have the knowledge they need in the future and, more importantly, the ability to connect the dots and use knowledge to succeed today.

- Build or retrofit your organization for new ways of working and collaboration by using knowledge management
- Adapt to today's most popular ways to collaborate such as social networking
- Overcome organization silos, knowledge hoarding and "not invented here" resistance
- Take advantage of emerging technologies and mobile devices to build networks and share knowledge
- Identify what can be learned from Facebook, Twitter, Google and Amazon to make firms and people smarter, stronger and faster

Straightforward and easy-to-follow, this is the resource you'll turn to again and again to get-and stay-in the know. Plus, the book is filled with real-world examples - the case studies and snapshots of how best practice companies are achieving success with knowledge management.

http://www.amazon.com/New-Edge-Knowledge-Management-Changing/dp/0470917393/ref=sr_1_1?ie=UTF8&qid=1344824231&sr=1-1&keywords=The+new+edge+in+knowledge+%3A+how+knowledge+management+is+changing+the+way+we+do+business
The Knowledge Business
Chris Allen (Author, Editor), Rob Imrie (Author, Editor)

Editorial Reviews
Product Description

This book provides a critique of the knowledge business, and describes and evaluates its different manifestations in, and impacts on, the university sector. Its focus is the social sciences and, in particular, housing and urban studies. Drawing on a wide range of experiences, both in the UK and elsewhere, it illustrates the changing management of the academy, and the development, by university managers, of instruments or techniques of control to ensure that academics are disciplined in ways that are commensurate with achieving commercial goals. The individual chapters highlight the different ways in which the academy is being put to work for commercial gain, and they evaluate how far the public service ethos of the universities is coming apart in a context in which what is to be serviced is increasingly a private clientele defined by their ‘ability to pay’. “The Knowledge Business” examines the contradictions and tensions associated with these processes, highlighting the implications for the academic labour process, and the future of the academy.

http://www.amazon.com/Knowledge-Business-Chris-Allen/dp/0754676900/ref=sr_1_1?ie=UTF8&qid=1344824738&sr=1-1&keywords=The+knowledge+business+%3A+the+commodification+of+urban+and+housing+research#
Knowledge, Information and the Business Process: Revolutionary Thinking or Common Sense?
Liz Taylor (Author)

Editorial Reviews
Product Description

This book focuses on information and knowledge management as it applies to the business process, and it questions some of the fundamental concepts and principles currently used to manage information in the area of business. Specifically, this book evaluates the contributions of human and systems capital to the process, and highlights the need to make conscious decisions about what role each will play in the knowledge management process.

http://www.amazon.com/Knowledge-Information-Business-Process-Revolutionary/dp/1843341042/ref=sr_1_1?s=books&ie=UTF8&qid=1344825018&sr=1-1&keywords=Knowledge%2C+information+and+the+business+process+%3A+revolutionary+thinking+or+common+sense%3F
New Business Models for the Knowledge Economy

Wilchard Steenbakkers and Hans Jägers (Author), Wendy Jansen (Author, Editor), Wilchard Steenbakkers (Editor), Hans Jägers (Editor)

Editorial Reviews

Product Description

Few concepts in business today are as widely discussed as business models. Research shows that business models are a better predictor of financial performance than traditional industry classifications. The unprecedented potential of the internet (interactivity, connectivity and speed of communication) along with the new generation of IT applications for enabling co-operative working and communication create new business models for organization creation and development. It is becoming clear that organizations that manage to incorporate values such as sense of community, knowledge sharing and enlightened self-interest into their business model, will perform better in the network economy than organizations whose business models are based solely on economic rationalism. This book features a business model framework that presents three new types of business model, in which ‘customization’, ‘innovation’, and ‘authenticity’ play an important role as solutions to the new requirements of business. The authors provide an explanation of their new models and explain how they can be used by both profit and not-for-profit organizations to design an integrated strategy for organizational development, governance, IT and business processes. The result is a rigorous but very accessible guide for anyone interested in organizational development and new business strategy.

Knowledge and Innovation in Business and Industry
Håkan Håkansson (Editor), Alexandra Waluszewski (Editor)

Editorial Reviews
Product Description

Provocative and reflective, this volume on the notion of knowledge and innovation in the business industry provides readers with a holistic approach to the subject of ‘knowledge’. Structuring their arguments around four case studies of innovation within four entirely different contexts, Håkansson and Waluszewski invite the business-minded reader to consider the costs of adopting new knowledge and innovation within a business setting.

This book:
- questions the long-held assumption that new knowledge and innovation are universally advantageous
- follows the tremor of an innovation as new knowledge reverberates through, or is dampened by the larger economic community - including cultural structures, the industrial standards and the foundational assumptions that rule a particular economic domain
- focuses in particular on the interfaces where the innovative agent connects to its customers, suppliers and competitors.

An ideal reference source for postgraduate students taking advanced courses in science and technology studies, innovation management, industrial marketing and purchasing, technological development and innovation systems.

http://www.amazon.com/Knowledge-Innovation-Business-Industry-Organizations/dp/0415425298/ref=sr_1_2?s=books&ie=UTF8&qid=1344825420&sr=1-2&keywords=Knowledge+and+innovation+in+business+and+industry+%3A+the+importance+of+using+others
Strategic Intelligence: Business Intelligence, Competitive Intelligence, and Knowledge Management
Jay Liebowitz (Author)

Editorial Reviews
Product Description

Strategic intelligence (SI) has mostly been used in military settings, but its worth goes well beyond that limited role. It has become invaluable for improving any organization's strategic decision making process. The author of Strategic Intelligence: Business Intelligence, Competitive Intelligence, and Knowledge Management recognizes synergies among component pieces of strategic intelligence, and demonstrates how executives can best use this internal and external information toward making better decisions.

Divided into two major parts, the book first discusses the convergence of knowledge management (KM), business intelligence (BI), and competitive intelligence (CI) into what the author defines as strategic intelligence. The second part of the volume describes case studies written by recognized experts in the fields of KM, BI, and CI. The case studies include strategic scenarios at Motorola, AARP, Northrop Grumman, and other market leaders.

Agile Systems With Reusable Patterns of Business Knowledge: A Component-Based Approach (Artech House Computing Library)

Amit Mitra (Author), Amar Gupta (Author)

Editorial Reviews

Product Description

Driven by the need for global excellence and customer value, agility and innovation have become imperative for business. However, most business process engineering and information system approaches address only operational efficiency and economics. This unique book closes this gap. It shows professionals how innovation can be systematized with patterns of information. The book explains how business processes and information systems can be tightly aligned and how they can be developed to automatically adapt to change. This practical resource helps practitioners design business processes and systems that are both agile and adaptable, coordinate integration of information across supply chains, reduce time-to-market, and improve computer aided systems engineering tools.

http://www.amazon.com/Systems-Reusable-Patterns-Business-Knowledge/dp/1580539882/ref=sr_1_1?ie=UTF8&qid=1344831167&sr=1-1&keywords=Agile+systems+with+reusable+patterns+of+business+knowledge+a+component-based-approach
Business Valuation Body of Knowledge Workbook
Shannon P. Pratt (Author)

Editorial Reviews
Product Description

Sample exam questions and updated information on the latest developments in the field for valuation candidates and professionals
The Business Valuation Body of Knowledge Workbook, Second Edition provides both a study guide for candidates preparing for ABV, ASA, CBA, or CVA certification and a training tool for practitioners conducting business valuations. To be used in conjunction with an in-house training program or simply for independent study and reference, the Workbook:

- Includes questions and exercises that typically appear on accreditation exams
- Covers the most frequently encountered errors on reports and in examinations
- Reflects the latest business valuation developments, viewpoints, court case references, and data resources
- Contains hundreds of multiple-choice and true/false questions, short problems, and fill-in-the-blank questions
- Includes eight hours of CPE credit through a self-study examination

A companion to Shannon Pratt’s Business Valuation Body of Knowledge, Second Edition or a stand-alone resource, the Business Valuation Body of Knowledge Workbook, Second Edition keeps ABV, ASA, CBA, and CVA candidates and current practitioners up to speed on the latest developments in this constantly changing discipline.

Editorial Reviews
Product Description

In today’s competitive and global business environments’ knowledge is recognized as one of the most important strategic assets for modern organizations. In the light of this, knowledge management (KM) continues to receive much attention both from the academic and business communities. With improvements in IT-based systems for handling knowledge, KM is becoming an essential theme of research into business success as well as a subject of new business initiatives. Knowledge and Business Process Management provides a unique and timely compilation of multi-disciplinary views related to knowledge and business process management.

Biotechnology Organizations in Action, Volume 20: Turning Knowledge into Business (Progress in Biotechnology)

J. Norus (Author)

Editorial Reviews

Product Description

This volume analyzes the dynamics and interactive processes among the players (individuals, institutions, and organizations/firms) that have constituted and legitimized the development of the biotechnology industries. The unit of analysis is small entrepreneurial firms developing biotechnological products and processes. What types of strategies are small entrepreneurs pursuing in order to create markets for their new products and processes, and how have specific strategies emerged? The primary interest is the network process through which the technological field and the development of institutions and routines evolve and co-evo lve.

The theoretical contribution of the book is its focus on the development of the concept of networks. From being regarded as a relative static concept the book transforms the concept into a dynamic concept of networking. The dynamic view on the creation and development of new technologies through network formations is linked to the concept of strategy that is used throughout the book. Hence the strategies are developed along with the creation of technological knowledge, and it is hoped that the diffusion of this specific knowledge will bring new actors into the technological arena or community.

http://www.amazon.com/Biotechnology-Organizations-Action-20-Knowledge/dp/0444510354/ref=sr_1_1?ie=UTF8&qid=1344832209&sr=1-1&keywords=Biotechnology+organizations+in+action+turning+knowledge+into+business
Strategic Management in the Knowledge Economy: New Approaches and Business Applications

Marius Leibold (Author), Gilbert J. B. Probst (Author)

Editorial Reviews

Product Description

Strategic Management may be classified as the managerial science of how to lead and enable business organizations to achieve its stakeholders' objectives in a rapidly changing competitive and collaborative environment. With new strategic management requirements, new business management models arise, based on knowledge, networking, and innovation.

Designed both for advanced students and business managers, this book presents a unique selection of the most recent thinking and applications regarding strategic management of business organizations in the increasingly global and networked knowledge economy.

Setting a new benchmark in the field of strategic management literature, the book links advanced new theory in strategic management with practical business illustrations. Joining high-level concepts with business applications, carefully selected articles by world-recognized authors are combined with case studies of world-recognized international businesses (Siemens, DaimlerChrysler, Canon, British Airways, Philips, Xerox, HP, IBM, etc.).

http://www.amazon.com/Strategic-Management-Knowledge-Economy-Applications/dp/3895781681/ref=sr_1_1?ie=UTF8&qid=1344834421&sr=1-1&keywords=Strategic+management+in+the+knowledge+economy+new+approaches+and+business+applications#
Co-operative Structures in Global Business: Communicating, Transferring Knowledge and Learning across the Corporate Frontier (Routledge International Studies in Business History)

Gordon H. Boyce (Author)

Editorial Reviews

Product Description

Using a series of twelve historical case-studies that are based on extensive archival research, this book explains why firms succeed or fail in communicating or transferring knowledge and discovering new expertise. By analysing how workable trade-offs between opposing forces have been achieved in the past, this study provides a set of guidelines for executives who embark upon inter-firm projects.

http://www.amazon.com/Co-operative-Structures-Global-Business-Communicating/dp/0415216443/ref=sr_1_1?ie=UTF8&qid=1344835196&sr=1-1&keywords=Co-operative+structures+in+global+business+communicating%2C+transferring+knowledge+and+learning+across+the+corporate+frontier
Asean Economic Integration: Trade, Foreign Direct Investment, and Finance (Advanced Research in Asian Economic Studies)
Michael G. Plummer (Author)

Editorial Reviews
Product Description

Given the rapid emergence of regional economic arrangements in Asia, especially in Southeast Asia, it is useful to understand clearly what regionalism implies for the region, as well as to take stock as to the far-reaching and complicated effects of formal economic cooperation and integration. This book allows the reader to better understand the relevant international policies of the Southeast Asian economies, and to appreciate the potential lessons for other developing regions. It also focuses on the regionalism trend with an explicit application to ASEAN, as well as the implications of regionalism in the developed countries. The goal of this book is to survey the economics and political economy of regionalism in the ASEAN context from a variety of perspectives and using various techniques, from standard economic analysis of preferential trading arrangements to the political economy analysis of institutions. Its approach is comprehensive in that it includes ASEAN economic integration in the areas of trade, foreign direct investment, and finance. Presentation of the material is designed to be accessible to non-technical audiences without sacrificing the rigor expected by economists and other experts.

Asia In The Global Economy: Finance, Trade and Investment
Ramkishen S. Rajan (Author), Sunil Rongala (Author)

Editorial Reviews
Product Description

This book consists of 20 short essays on different dimensions of international economic policy with specific (though not exclusive) focus on Asia. Topics covered include: exchange rate regimes and reserve buildup in Asia; global macroeconomic imbalances; financial sector liberalization; international capital flows to and from Asia; infrastructure financing in Asia; foreign direct investment (FDI) flows, production networks, manufacturing and outsourcing in Asia; the economic rise of China and India; and trade, financial and monetary regionalism in Asia. While the book covers important and often technical economic issues of contemporary policy relevance, it is written in a manner that is easily accessible to non-economists, including students of public policy, international affairs, international commerce and business, as well as policy-makers and interested observers.

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http://www.amazon.com/Asia-Global-Economy-Finance-Investment/dp/9812705732/ref=sr_1_1?ie=UTF8&qid=1344843295&sr=1-1&keywords=Asia+in+the+global+economy+%3A+finance%2C+trade+and+investment
Investment Banking and Investment Opportunities in China: A Comprehensive Guide for Finance Professionals
K. Thomas Liaw (Author)

Editorial Reviews
Product Description

Praise for Investment Banking & Investment Opportunities in China

"I first met Tom Liaw when my company was exploring potential opportunities in Taiwan. He clearly knew the market and proved invaluable in explaining the financial landscape and in arranging meetings with potential clients, other market participants, and senior government officials. Investment Banking and Investment Opportunities in China should prove equally valuable as we now look to further expand our activities to mainland China."
-Douglas Reinfeld-Miller, EVP, Ambac Assurance, and Chairman/CEO, Ambac Assurance UK Ltd

"There is no more important market than China today. Dr. Liaw's book provides an overview of the current situation and recommendations as to how investors can profit from China's amazing growth."
-Donald Tang, Chairman, Bear, Stearns Asia Ltd, and Vice Chairman, Bear, Stearns & Co., Inc.

"Professor Liaw's book takes you on a quick walk through the major milestones in China's economic development over the past two decades. It shows a clear understanding of the environment for doing business in China and explains hot topics in the marketplace. This book is simple, easy to read, and yet highly informative."
-Jesse Wang, Vice Chairman, China Central SAFE Investments Ltd, and Chairman, China International Capital Corporation Ltd

"Provides a clear map of China's financial system, investment banking business, and investment opportunities. It should be read by all who are interested in China."
-Mao-Wei Hung, Dean, College of Management, National Taiwan University

"Dr. Liaw's book is a comprehensive professional reference work for those of us involved in the global investment arena. I highly recommend it."
-Charles P. Menges, Jr., CFA, Principal, Business Global Wealth Management, a Unit of Alliance Bernstein LP
“China’s development has a unique track, including the financial market. People who want to profit from China should have a clear view of this market. Dr. Liaw’s book, explaining China’s market opening and foreign participation, is the one necessary for them to read.”

- Wei Xing, Director of Rules and Regulations, China Insurance Regulatory Commission

http://www.amazon.com/Investment-Banking-Opportunities-China-Comprehensive/dp/0470044683/ref=sr_1_1?s=books&ie=UTF8&qid=1344843614&sr=1-1&keywords=Investment+banking+and+investment+opportunities+in+China+%3A+a+comprehensive+guide+for+finance+professionals
How China Grows: Investment, Finance, and Reform

James Riedel (Author), Jing Jin (Author), Jian Gao (Author)

Editorial Reviews
Product Description

Although China's economy has grown spectacularly over the last twenty-five years, economists disagree about how the Chinese economy is likely to fare in the short- and long-term future. Is China's growth sustainable, or has China relied too much on investment, which is subject to diminishing returns, and not enough on technological change? The first book on the relation between investment, finance, and growth in China, How China Grows dismisses this concern. James Riedel, Jing Jin, and Jian Gao argue that investment has not only been the engine of growth, but also the main source of technological progress and structural change in China.

What threatens future growth instead, the authors argue, are the weaknesses of China's financial system that undermine efficiency in investment allocation. Financial-sector reform and development are necessary, not only for sustaining long-term growth, but also for maintaining macroeconomic stability.

Although it includes some technical economic analysis, How China Grows is accessible to noneconomists and will benefit anyone who is interested in development finance in general and in China's economic growth in particular—whether economists, political scientists, bankers, or business people.
Webster’s New World Finance and Investment Dictionary
Barbara J. Etzel (Author)

Editorial Reviews
Product Description

Your key to understanding the financial world
Now you can put thousands of financial topics and terms at your fingertips—with Webster’s New World Finance and Investment Dictionary. Here are definitions of all of the concepts, phrases, and jargon you need to understand everything from CNBC and the financial pages to corporate earnings reports. This invaluable resource gives you clear, accessible, and cross-referenced explanations of more than 3,500 of today’s most essential financial terms, including vocabulary related to:

- Accounting
- Finance
- Banks and banking
- Economics
- Investing
- Markets
- Real estate
- Securities

From fixed income to financial futures, from bankruptcy and restructuring to venture capital, Webster’s New World Finance and Investment Dictionary gives you authoritative, quick-access information to help you get down to business with confidence.

http://www.amazon.com/Websters-World-Finance-Investment-Dictionary/dp/B0046LUOCI/ref=sr_1_1?ie=UTF8&qid=1344844277&sr=1-1&keywords=Webster%27s+new+world+finance+and+investment+dictionary
Corporate Finance & Investment: Decisions & Strategies
Richard Pike (Author), Bill Neale (Author)

Editorial Reviews
Product Description

This popular text has been extensively revised and updated for this fourth edition. Whilst significant new material has been added, the book continues to balance the conceptual and technical aspects of Corporate Finance, without allowing theory to dominate practice. Extensive examples illustrate how the concepts of financing and investment decisions can be applied to practical management and business policy issues. "Corporate Finance and Investment" is highly suitable for undergraduates studying for Accounting, Finance and Business Studies degrees, as well as for those taking MBA and other postgraduate level courses in corporate finance.

http://www.amazon.com/Corporate-Finance-Investment-Decisions-Strategies/dp/0273651382/ref=sr_1_1?ie=UTF8&qid=1344846081&sr=1-1&keywords=Corporate+finance+and+investment+decisions+and+strategies
Globalization and Islamic Finance: Convergence, Prospects and Challenges
Hossein Askari (Author), Zamir Iqbal (Author), Abbas Mirakhor (Author)

Editorial Reviews
Product Description

This is an extremely valuable book written by three highly qualified scholars whose credentials for writing such a book are difficult to match. The timing of the book is also perfect, having come at a time when the worst financial crisis in living memory has intensified the quest for reform of the international architecture. The proposals made by the authors should go a long way in not only reforming the system but also in accelerating the move towards financial globalization and convergence of the conventional and Islamic financial systems.

Dr. Umer Chapra
Prominent Scholar of Islamic Economics and currently Research Advisor
Islamic Research and Training Institute (IRTI), Islamic Development Bank (IDB)

Globalization and Islamic Finance, by three well-respected authors in Islamic finance, provides a thought-provoking analysis of an important and topical issue, particularly, given the global impact of the current financial and economic crises. The book is the first attempt to make a compelling case of convergence between globalization and Islamic finance. Askari, Iqbal and Mirakhor should be praised for this serious effort, which is a must-read for academics and practitioners interested in Islamic finance.

Professor Rifaat Ahmed Abdel Karim
Secretary General
Islamic Financial Services Board (IFSB)

This book has a robust discussion of the growth and spread of Islamic finance within the umbrella of globalization. The book provides a unique view of Islamic finance, not only from the perspective of how Islamic finance fits within globalization in general, but globalization of finance in particular. This is a must read for anyone interested in the complex and complicated world of Islamic finance.

Scheherazade S. Rehman, Ph.D.
Director, European Union Research Center
Professor of International Finance, School of Business
The George Washington University
I have not come across any literature that has delved so intensely in financial globalization, in particular Islamic finance. Due to this reason, I would encourage all interested in this area to read this book.

Hajah Salma Latiff
Managing Director, Crescent Sdn. Bhd.
Former Director, Centre for Islamic Banking, Finance and Management (CIBFM), Universiti Brunei Darussalam

The recent crisis has evoked wide interest in Islamic finance publications. Globalization and Islamic Finance is both timely and needed.

Sani Hamid
Director, Wealth Management
Financial Alliance (Singapore)

http://www.amazon.com/Globalization-Islamic-Finance-Convergence-Challenges/dp/0470823496/ref=sr_1_1?s=books&ie=UTF8&qid=1344848478&sr=1-1&keywords=Globalization+and+Islamic+finance+%3A+convergence%2C+prospects+and+challenges#
Introduction to Stochastic Calculus Applied to Finance, Second Edition
(Chapman & Hall/CRC Financial Mathematics Series)
Damien Lamberton (Author), Bernard Lapeyre (Author)

Editorial Reviews
Product Description

Since the publication of the first edition of this book, the area of mathematical finance has grown rapidly, with financial analysts using more sophisticated mathematical concepts, such as stochastic integration, to describe the behavior of markets and to derive computing methods. Maintaining the lucid style of its popular predecessor, Introduction to Stochastic Calculus Applied to Finance, Second Edition incorporates some of these new techniques and concepts to provide an accessible, up-to-date initiation to the field.

New to the Second Edition
• Complements on discrete models, including Rogers' approach to the fundamental theorem of asset pricing and super-replication in incomplete markets
• Discussions on local volatility, Dupire's formula, the change of numéraire techniques, forward measures, and the forward Libor model
• A new chapter on credit risk modeling
• An extension of the chapter on simulation with numerical experiments that illustrate variance reduction techniques and hedging strategies
• Additional exercises and problems

Providing all of the necessary stochastic calculus theory, the authors cover many key finance topics, including martingales, arbitrage, option pricing, American and European options, the Black-Scholes model, optimal hedging, and the computer simulation of financial models. They succeed in producing a solid introduction to stochastic approaches used in the financial world.
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Metals and Society: An Introduction to Economic Geology (Springer Geochemistry/Mineralogy)

Nicholas Arndt (Author), Clément Ganino (Author)

Editorial Reviews

Product Description

Economic Geology focuses not only on the nature and origin of ore deposits but also explores the economic issues that surround the exploitation of mineral resources. Topics of particular focus are the rate of exploitation of natural resources, the question of when or if these resources will be exhausted, the pollution and social disturbance that accompanies mining, the compromises and challenges that arise from the explosion of demand from China, India and other rapidly developing countries, and the moral issues that surround mining of metals in lesser developed countries for consumption in the “first-world” countries. With its dual character, the book is useful as an introductory text for students in earth sciences and a reference volume for students, teachers and researchers of geography, economics and social sciences.

http://www.amazon.com/Metals-Society-Introduction-G eochemistry-Mineralogy/dp/3642229956/ref=sr_1_1?s=books&qid=1350964432&sr=1-1&keywords=Metals+and+Society+%3A+an+introduction+to+economic+geology
Achieving the ASEAN Economic Community 2015: Challenges for Member Countries and Businesses

Sanchita Basu Das (Editor)

Editorial Reviews

Product Description

ASEAN leaders proclaimed to create an ASEAN Economic Community by 2015. But achieving the target requires cooperation and coordination both within and among the ten ASEAN economies. Currently, with countries having varying considerations towards complete liberalization, protectionism still persists in certain sectors of the economies. A lot of work needs to be done in addressing the domestic reforms, the gaps in infrastructure, the lack of human resources and adequate institutions. Moreover, it is the businesses whose decisions and actions will help the region to achieve an effective integration. The policymakers have vital roles to play in raising the engagement of the private businesses in ASEAN matters. As time is limited, one way for ASEAN is to focus on "core" elements of integration and implement them earnestly in the shortest possible time. The rest of the process, as envisaged in the AEC Blueprint, can follow beyond 2015. This book examines the state of readiness of the member countries for regional integration and discusses the challenges to ASEAN businesses. It gives policy recommendations to address some of the issues faced by the key stakeholders.

http://www.amazon.com/Achieving-ASEAN-Economic-Community-2015/dp/9814379646/ref=sr_1_1?s=books&ie=UTF8&qid=1350964671&sr=1-1&keywords=Achieving+the+ASEAN+economic+community+2015+%3A+challenges+for+member+countries+%26+businesses
Livestock Sector Development for Poverty Reduction: An Economic and Policy Perspective - Livestock’s Many Virtues
(Fao Animal Production and Health Guidelines)

J. Costales Otte (Author), J. Dijkman (Author), T. Robinson (Author), V. Ahuja (Author), C. Ly (Author), D. Roland-Holst (Author)

Editorial Reviews

Product Description

Launched in 2001 by FAO, the Pro-Poor Livestock Policy Initiative (PPLPI) facilitates and supports the formulation and implementation of livestock-related policies and institutional changes that have a positive impact on the world's poor. To achieve this, PPLPI combines stakeholder engagement with research and analysis, information dissemination and capacity strengthening. This publication reviews major aspects of the livestock-poverty interface with the objective of identifying the conditions under which livestock can be an effective tool for poverty reduction; the interventions that allow livestock's poverty reduction potential to be unlocked, and the contexts in which they do so; and ways of facilitating sustainable implementation of these interventions.

http://www.amazon.com/Livestock-Sector-Development-Poverty-Reduction/dp/9251072426/ref=sr_1_1?s=books&ie=UTF8&qid=1350964952&sr=1-18&keywords=Livestock+sector+development+for+poverty+reduction+%3A+an+economic+and+policy+perspective%2C+livestock%27s+many+virtues
Economic Developments in Contemporary Russia  
(Guides to Economic and Political Developments in Asia)  
Ian Jeffries (Author)  

Editorial Reviews  
Product Description  
This book provides a comprehensive overview of Russia’s difficult economic transition from a command economy since the early 1990s. It covers the financial crisis of August 1998 and the global financial crisis a decade later. Key subjects covered include economic transition, privatization and liberalization; changes in land ownership and agriculture; energy; foreign direct investment; economic stabilization; and economic performance. Russia is well endowed with raw materials, especially oil and natural gas; this book argues that in some ways this has not helped Russia’s attempts to become a more diversified and high-tech economy.  

Overall, the book demonstrates how much the Russian economy has changed in the period. It continues - and adds to - the overview of developments in the author’s The New Russia (2002), and is the companion volume to Political Developments in Contemporary Russia (2011) - both published by Routledge.

http://www.amazon.com/Economic-Developments-Contemporary-Russia-Political/dp/0415603447/ref=sr_1_1?ie=UTF8&qid=1350965640&sr=1-1&keywords=Economic+developments+in+contemporary+Russia
European Economic Integration and Italian Labour Policies
Gilberto Antonelli (Editor), Nicola De Liso (Editor)

Editorial Reviews
Product Description

For a long time now, the Italian economy and its labour market have been used as case studies due to the peculiarities they exhibit. This text is the result of a research project that has successfully analyzed how European economic integration has influenced Italy and particularly its labour market. The book highlights issues including labour policies and employment strategies, education, training and market trends.

http://www.amazon.com/European-Economic-Integration-Italian-Policies/dp/0754619486/ref=sr_1_1?ie=UTF8&qid=1351062056&sr=1-1&keywords=European+economic+integration+and+Italian+labour+policies#
Taxation and Economic Development in Taiwan
(Harvard Studies in International Development)
Glenn P. Jenkins (Author), Chun-Yan Kuo (Author), Keh-Nan Sun (Author)

Editorial Reviews

Product Description

Documenting the evolution of economic development and fiscal policies in Taiwan over the last four decades, this work explores the effectiveness of specific tax and trade policies. The authors make a major revision to the previously accepted role played by the export processing zones and the protection of domestic producers from foreign competition. The extensive use of duty exemption systems enabled the government to create competition among the exporting firms, and the innovative design of economic policies and administrative systems helped the private sector generate savings, expand investments, and promote exports.

This work analyzes how unique fiscal policies and administrative practices were designed to foster the rapid growth and development of Taiwan during this period.

OECD-FAO Agricultural Outlook 2011-2020

OECD Publishing (Author)

Editorial Reviews

Product Description

OECD-FAO Agricultural Outlook 2011-2020 The seventeenth edition of the Agricultural Outlook, and the seventh prepared jointly with the Food and Agriculture Organization of the United Nations (FAO), provides projections of production, consumption, trade, stocks and prices as well as an evaluation of recent market developments, issues and uncertainties, for a number of commodities, including for the first time, fish. The report highlights the fact that projected, higher average prices may encourage investment necessary for production to respond to rising demand. However, high prices also raise important concerns about increased food insecurity. Price volatility creates uncertainty and risks for producers, traders, consumers and governments, and is a high priority in the G20 discussions on agriculture. This edition examines the forces driving the phenomenon and offers considerations to policy makers on helping to reduce and manage the volatility. Outlook in Brief: Chapter 1. Overview; Chapter 2. Special feature: What is driving price volatility?; Chapter 3. Biofuels; Chapter 4. Cereals; Chapter 5. Oilseeds and oilseed products; Chapter 6. Sugar; Chapter 7. Meat; Chapter 8. Fish; Chapter 9. Dairy; Glossary of terms; Methodology

Economic Developments in Contemporary China: A Guide
(Guides to Economic and Political Developments in Asia)

Ian Jeffries (Author)

Editorial Reviews
Product Description

China’s role in global affairs today continues to rise. This book provides an authoritative, comprehensive and detailed overview of contemporary economic developments in China. Key topics include agriculture; the market gradually replacing central planning; the global financial crisis; the reform of state-owned industrial enterprises; the non-state sectors; the ‘open-door’ policy (including the WTO, exchange rate policy, and inward and outward direct foreign investment); and China’s economic performance in general.

The book continues - and adds to - the overview of developments up to May 2006 which were covered in the author’s China: A Guide to Economic and Political Developments (2006), and is the companion volume to Political Developments in Contemporary China: A Guide (2010) - both published by Routledge.

http://www.amazon.com/Economic-Developments-Contemporary-China-Political/dp/0415478669/ref=sr_1_1?s=books&qid=1351064075&sr=1-1&keywords=Economic+developments+in+contemporary+China+%3A+a+guide
Economic Anthropology
Chris Hann (Author), Keith Hart (Author)

Editorial Reviews
Product Description

This book is a new introduction to the history and practice of economic anthropology by two leading authors in the field. They show that anthropologists have contributed to understanding the three great questions of modern economic history: development, socialism and one-world capitalism. In doing so, they connect economic anthropology to its roots in Western philosophy, social theory and world history.

Up to the Second World War anthropologists tried and failed to interest economists in their exotic findings. They then launched a vigorous debate over whether an approach taken from economics was appropriate to the study of non-industrial economies. Since the 1970s, they have developed a critique of capitalism based on studying it at home as well as abroad.

The authors aim to rejuvenate economic anthropology as a humanistic project at a time when the global financial crisis has undermined confidence in free market economics. They argue for the continued relevance of predecessors such as Marcel Mauss and Karl Polanyi, while offering an incisive review of recent work in this field.

Economic Anthropology is an excellent introduction for social science students at all levels, and it presents general readers with a challenging perspective on the world economy today.

http://www.amazon.com/Economic-Anthropology-Chris-Hann/dp/0745644821/ref=sr_1_1?s=books&ie=UTF8&qid=1351064334&sr=1-1&keywords=Economic+anthropology+%3A+history%2C+ethnography%2C+critique
Economic Development and Inequality in China: The Case of Guangdong
(Routledge Studies in the Growth Economies of Asia)
Hong Yu (Author)

Editorial Reviews
Product Description

The conventional belief that all regions have equally benefited from China’s remarkable development over the last three decades is subjected to criticism in this book as Hong Yu systematically analyses the issue of regional inequality during the post-1978 period using the case of Guangdong. Guangdong is one of the key industrial centres and economic powerhouses in China and as a pioneer province, instigating economic reform as China opened up to the world, it offers an ideal focus upon which to question and enrich the Western theories of economic geography and regional disparity. Based on field research, analysis of geographic characteristics and regression models, this book illustrates how Guangdong’s impressive development record has been marred by its rising regional disparity, investigates the main causes of this disparity, and draws conclusions regarding the lessons China can learn from it. Economic Development and Inequality in China will be of interest to students and scholars of Chinese economics, Chinese regional studies, economic geography and China Studies. 

Hong Yu is a Visiting Research Fellow at the National University of Singapore. His research interests lie in the field of regional economy. He is the author of a chapter on China’s two delta regions in the book “China and The Global Economic Crisis”.

http://www.amazon.com/Economic-Development-Inequality-China-Guangdong/dp/0415596580/ref=sr_1_1?ie=UTF8&qid=1351064661&sr=1-1&keywords=Economic+development+and+inequality+in+China+%3A+the+case+of+Guangdong
Special Economic Zones in Asian Market Economies (Routledge Studies in the Growth Economies of Asia)

Connie Carter (Editor), Andrew Harding (Editor)

Editorial Reviews

Product Description

Special Economic Zones (SEZs) have proliferated rapidly during the past decade and are set to multiply
in the next - embracing not only Asia and Europe but also Africa and the Americas. This book is the first
to examine the Asian experience of SEZs in China, India, Malaysia and the Philippines. SEZs are usually
clearly defined geographic areas in which national, provincial or local governments use policy tools
(such as tax holidays; improved infrastructure; less onerous or differentiated regulations and incentives
other than those generally available in the rest of the country) to attract and promote private - usually
foreign - investment from enterprises which commit to create employment and to export their
products or services, and generating foreign currency for the host country. SEZs have been especially
successful in bringing about economic development in Asia, especially in China. This book examines the
origins, nature and status of special economic zones in Asia, together with the current trends
connected with them, and the challenges they currently face. Although the World Trade Organisation
cast doubts in 1995 on the future of special economic zones as a viable policy tool in the development
agenda, special economic zones continue to be used, and favoured, as a way of encouraging foreign
investment and economic development, with for example India, trying to emulate China,
reincorporating special economic zones into its development policy. This book provides regional case
studies of SEZs in Asian market economies to analyse the extent to which these zones serve the
changing needs of Asian development.

http://www.amazon.com/Special-Economic-Economies-Routledge-
Studies/dp/0415591805/ref=sr_1_1?s=books&ie=UTF8&qid=1351066140&sr=1-
1&keywords=Special+economic+zones+in+Asian+market+economies
The South Sea Bubble: An Economic History of its Origins and Consequences. (Routledge Explorations in Economic History)
Helen Paul (Author)

Editorial Reviews
Product Description

The book is an economic history of the South Sea Bubble. It combines economic theory and quantitative analysis with historical evidence in order to provide a rounded account. It brings together scholarship from a variety of different fields to update the existing historical work on the Bubble. Up until now, economic history research has not been integrated into mainstream histories of 1720. Technical work on share prices and ledgers has been inaccessible to a wider audience. As well as providing new evidence against the gambling mania argument, the book also interprets the existing economic history scholarship for non-specialists.

http://www.amazon.com/South-Sea-Bubble-Consequences-Explorations/dp/0415469732/ref=sr_1_1?s=books&ie=UTF8&qid=1351066598&sr=1-1&keywords=The+South+Sea+Bubble+%3A+an+economic+history+of+its+origins+and+consequences#
Market as a Weapon: The Socio-Economic Machinery of Dominance in Russia
Anton Oleinik (Author)

Editorial Reviews

Product Description

Power is all-encompassing in Russia, and mediates most interactions among people, including everyday decisions. Even the recent administrative reforms in the country, which began at the end of the 1990s, have tried to reshape the government institutions and modernize the country through the use of power. Changes were initiated and implemented by people vested with power.

Power, convention, and trust can all support coordination. However, in the Russian institutional context power tends not only to supplement the alternative coordination mechanisms but also to substitute them. Power can be used to solve problems related to social action by merging two (or several) centers of decision-making into one. The actor vested with power decides exactly how coordination and adjustment can be achieved. This path-breaking volume shows how power turns into a unique coordination mechanism and what are consequences of such transformation for everyday life and businesses.

Market as a Weapon focuses on issues of power and domination using the configuration of power relationships in Russia as a “critical case,” but goes far beyond a narrowly defined scope of country-specific studies. Particular emphasis is put on domination by virtue of a constellation interests in the market, since this is a relatively underexplored yet broadly used technique for imposing will in all countries that heavily rely on interventionist policies. Instead of being a liberating force, the market becomes an additional instrument facilitating the continuous reproduction of power, which explains the title of the book.

Both qualitative and quantitative data, including more than one hundred in-depth interviews with experts, state servants, and businesspeople in Russia, as well as statistics, are used throughout the text of this major book.
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http://www.amazon.com/Market-Weapon-Socio-Economic-Machinery-Dominance/dp/1412811295/ref=sr_1_1?ie=UTF8&qid=1351066833&sr=1-1&keywords=Market+as+a+weapon%3A+the+socio-economic+machinery+of+dominance+in+Russia
Introduction to Economic Geography: Globalization, Uneven Development and Place

Danny Mackinnon (Author), Andrew Cumbers (Author)

Editorial Reviews

Product Description

Today’s rapidly flowing global economy, hit by recession following the financial crisis of 2008/9, means the geographical economic perspective has never been more important. An Introduction to Economic Geography comprehensively guides you through the core issues and debates of this vibrant and exciting area, whilst also exploring the range of approaches and paradigms currently invigorating the wider discipline. Rigorous and accessible, the authors demystify and enliven a crucial subject for geographical study.

Underpinned by the themes of globalisation, uneven development and place, the text explores the diversity and vitality of contemporary economic geography. It balances coverage of ‘traditional’ areas such as regional development and labour markets with insight into new and evolving topics like neoliberalism, consumption, creativity and alternative economic practices.

An Introduction to Economic Geography is an essential textbook for undergraduate students taking courses in Economic Geography, Globalisation Studies and more broadly in Human Geography. It will also be of key interest to anyone in Planning, Business and Management Studies and Economics.

Aging Asia: The Economic and Social Implications of Rapid Demographic Change in China, Japan, and South Korea

Karen Eggleston (Editor), Shripad Tuljapurkar (Editor)

Editorial Reviews

Product Description

In the past fifty years, two factors have led to global population aging: a decline in fertility to levels close to—or even below—replacement and a decline in mortality that has increased world average life expectancy by nearly 67 percent. As the population skews toward fewer young people and more elderly who live longer postretirement lives, demographic changes—labor force participation, savings, economic growth, living arrangements, marriage markets, and social policy—are transforming society in fundamental, irreversible ways.

Nowhere are these effects of aging and demographic change more acute—nor their long-term effects more potentially significant—than in the Asia-Pacific region. How will these developments impact the economies and social protection systems of Japan, South Korea, China, and, by extension, the United States?

To assess this question, Aging Asia showcases cutting-edge, policy-relevant research. The first section focuses on demographic trends and their economic implications; the second section approaches select topics from a global comparative perspective, including social insurance financing, medical costs, and long-term care.

http://www.amazon.com/Aging-Asia-Economic-Implications-Demographic/dp/1931368201/ref=sr_1_1?ie=UTF8&qid=1351068269&sr=1-1&keywords=Aging+Asia+%3A+the+economic+and+social+implications+of+rapid+demographic+change+in+China%2C+Japan%2C+and+South+Korea
Economic Reform and Institutional Innovation
Yao Yang (Author)

Editorial Reviews
Product Description

In Economic Reform and Institutional Innovation, the author identifies three building blocks that have contributed to China's success: decentralization, an encompassing state, and volitional pragmatism. Decentralization provides dynamism to institutional innovation. An encompassing state ensures the survival and legalization of viable institutional innovations amidst the competition among different political groups. Volitional pragmatism enables the political entrepreneurs to hold a realistic attitude toward institutions while keeping an open mind to all future possibilities. The interplay between these three factors has shaped China's reform trajectory. Along the path though, there have been constant interactions between local experiments and the central government's ideological adjustments. This has created many mid-way institutions that do not fit into any existing institutional framework. However, it is the accumulation of these mid-way institutions that has stimulated China's transition from a planned to a market economy.

Environmental and Economic Sustainability
(Environmental and Ecological Risk Assessment)
Paul E. Hardisty (Author)

Editorial Reviews

Product Description

Never before has the quest to balance the needs of people, the environment, and the economy been so important. While sustainability has been widely taken up by governments and business, the world has continued to move in increasingly unsustainable directions, from continued dependence on fossil energy to rising greenhouse gas emissions, and erosion of biodiversity. We know what the right thing to do is, but somehow we cannot make the changes that are needed, and so we continue with business as usual, producing business-as-usual results.

Based on more than fifteen years of research and practice, Environmental and Economic Sustainability introduces the environmental and economic sustainability assessment (EESA), a new way to make decisions that meets the challenges of the 21st century. Incorporating elements of life-cycle analysis, risk assessment, cost-benefit analysis, and comprehensive sensitivity analysis, EESA provides a fully quantitative, objective, and rational way to include all of the social, environmental, and economic issues relevant to a decision into one comprehensive analysis. The author demonstrates how to apply EESA using examples across a number of major industries, including petroleum, mining, and public utilities, and covering key issues such as water, greenhouse gases, waste, contaminated sites, and renewable energy.

Case studies

- Management of produced water in the oil and gas industry in the Middle East
- Management of wastewater in a water utility in Australia
- Power generation and carbon management in an energy utility in Australia
- Remediation of contaminated gas works in the UK
- Energy savings and carbon management in heavy oil processing
Ultimately, the solutions to problems of the 21st century will come from understanding the tremendous value that the environment provides, and reflecting that value within decision-making at every level so that society as a whole thrives. This book demonstrates that while business-as-usual approaches can be sub-optimal, spending on sustainable outcomes must be balanced with anticipated benefits. It demonstrates how to communicate with stakeholders in a transparent process which provides a robust view of how various options compare over a wide range of possible future conditions, using a language that everyone understands: money.

http://www.amazon.com/Environmental-Economic-Sustainability-Ecological-Assessment/dp/1420059483/ref=sr_1_1?s=books&ie=UTF8&qid=1351069590&sr=1-1&keywords=Environmental+and+economic+sustainability
Economic Evaluation in Child Health
Wendy Ungar (Author)

Editorial Reviews
Product Description

Guidelines for conducting health economic evaluations have become increasingly standardized, however, they don't address the unique concerns of the pediatric population. The challenges of measuring costs and consequences in children, from neonate to late adolescence, are numerous and complex. With the growing acceptance of economic evidence to guide decisions in health systems facing economic constraints, it is imperative that these challenges be considered so that this population is not left out of evidence-based decisions.

This book is divided into three sections: Methods, Applications, and Using Evidence for Decision-Making, with chapters contributed by international experts. The Methods section presents detailed discussions of measuring lifetime costs and consequences, capturing productivity losses, obtaining unbiased self- and proxy reports, incorporating externalities, choosing valid outcome measures, assessing utility, and designing studies using value of information. The Applications section reviews economic evidence in common childhood conditions and areas of investigation, including newborn screening, harm prevention, mental health services, brain injury, asthma, and immunization. The final section explores the use of economic evidence in division-making, and includes a description of the WHO-CHOICE approach, the role of clinical research, how to value health gains by children, and the emerging field of health technology assessment. In addition to an emphasis on methods, a deliberate effort was made to include issues relevant to developing countries, where the burden of childhood disease is greatest, and for whom high quality economic evidence is critical.
Controversies in Local Economic Development: Stories, strategies, solutions (Regions and Cities)

Martin Perry (Author)

Editorial Reviews

Product Description

Efforts to promote the economic development of individual localities engage the attention of academics, students and professionals. Many such analysts argue that competitive advantage can be fostered within local economies, complimenting the advent of a more globalised economy. Intensified efforts to build new economic foundations show no sign of abating despite the apparent increase in the international mobility of businesses and employment.

Unpicking the arguments supporting different strategies for promoting local economic development, Controversies in Local Economic Development is an introductory guide to some of the major ideas and policy tools that have influenced academic debate and development practice. Taking the view that economic processes are mechanisms that promote desired outcomes only in particular contexts, the book asks questions of both academic debates and the prescriptions of policy experts.

Curbing the Global Economic Downturn: Southeast Asian Macroeconomic Policy
Aekapol Chongvilaivan (Editor)

Editorial Reviews
Product Description

Southeast Asia witnessed a wide array of policy actions at the regional and international levels to unravel the ripple effects of the global economic downturn and to set the stage for a long-term recovery. Yet the quest for regional and global solutions has been hampered critically by the complication of individual economies and the diverse levels of economic development. The objective of this book is to examine in-depth region-specific research on how macroeconomic tools are at work in the Southeast Asian economies.

http://www.amazon.com/Curbing-Global-Economic-Downturn-Macroeconomic/dp/9814279676/ref=sr_1_1?s=books&ie=UTF8&qid=1351129787&sr=1-1&keywords=Curbing+the+global+economic+downturn+%3A+Southeast+Asian+macroeconomic+policy
The Making of the Classical Theory of Economic Growth
(Routledge Studies in the History of Economics)
Anthony Brewer (Author)

Editorial Reviews
Product Description

This book collects together for the first time Anthony Brewer's work on the origins and development of the theory of economic growth from its eighteenth-century beginnings to its dominance in economic thinking in the nineteenth century. The key to the origins of the theory is that writers before Turgot and Smith, though they laid the foundations for later work, had no concept of continuing growth.

This book looks at many of the key players such as Smith, Hume, Ferguson, Steuart, Turgot, West and Rae and is tied together with a rigorous introduction and a new chapter on capital accumul

The Economic Repercussions of Terrorism

Mikel Buesa (Author), Thomas Baumert (Author)

Editorial Reviews

Product Description

*The Economic Repercussions of Terrorism* offers a theoretical overview of the economics of terrorism and provides a detailed evaluation of the costs of terrorist attacks, focusing in particular on the Madrid bombings of 2004, but also including comparisons with 9/11 and the London bombings of 7/7.

Divided into three parts, Part One offers a theoretical overview of the economics of terrorism including an analysis of the roots of terrorism, terrorist financing, the economic consequences of terrorism, and the predatory war economy. Part Two provides an in-depth analysis of the direct and indirect economic costs of terrorist attacks, looking at the security and defence responses, and offering industry sector analyses. Part Three explores the 'other costs' of terrorism, such as the impact of attacks on a government's popularity, and the possibility that terrorists use 'inside information' on attacks to play the stock market.

http://www.amazon.com/Economic-Repercussions-Terrorism-Mikel-Buesa/dp/0199577706/ref=sr_1_1?ie=UTF8&qid=1351131396&sr=8-1&keywords=The+economic+repercussions+of+terrorism
Playing Our Game: Why China's Rise Doesn't Threaten the West
Edward S. Steinfeld (Author)

Editorial Reviews
Product Description

Conventional wisdom holds that China's burgeoning economic power has reduced the United States to little more than a customer of Beijing. Not so, writes Edward Steinfeld. In this fascinating book, Steinfeld asserts that China's growth actually enhances Western commercial supremacy. By seeking to realize its dream of modernization by integrating itself into the Western economic order, China is playing by our rules, reinforcing the dominance of our companies and regulatory institutions. Indeed, China has in many ways handed over--outsourced--the remaking of its domestic economy and domestic institutions to foreign companies and foreign rule-making authorities. And even as Chinese companies assemble products for export to the West, the most valuable components for those products come from the West. America's share of global manufacturing, by value, has actually increased since 1990. Within China, the R&D centers established by Western companies attract the country's best scientists and engineers, and harness that talent to global, rather than indigenous Chinese, innovation efforts. In short, China's economic emergence is good for America.

http://www.amazon.com/Playing-Our-Game-Chinas-Threaten/dp/0199837082/ref=sr_1_1?s=books&ie=UTF8&qid=1351137345&sr=1-1&keywords=Playing+our+game+%3A+why+China%27s+economic+rise+doesn%27t+threaten+the+West
Economic Growth and Structural Evolution
Liu Xiahui (Author), Zhang Ping (Author), Zhang Xiaojing (Author)

Editorial Reviews
Product Description

In *Economic Growth and Structural Evolution*, the authors propose that China's reform strategy is to promote capital accumulation through a gradual adjustment of its relative price system, enabling the industrial capital to obtain higher profits and thus unleashing the great potential of economic growth. Moreover, the Chinese government prioritizes the growth of different industries at different times through measures such as the dual-track price system leading to the rise of township and village enterprises and the opening up of eastern coastal areas resulting in rapid urbanization and the boom of the real estate industry. This growth pattern has effectively mobilized China's huge labor resources and given full play to its comparative advantages. However, the pattern is not sustainable as government intervention and distorted factor prices have caused growth imbalance. Sustainable growth can only be achieved when the Chinese government shifts its focus from GDP growth to welfare improvement.

http://www.amazon.com/Economic-Growth-Structural-Evolution-Xiahui/dp/9814272728/ref=sr_1_1?keywords=Economic+growth+and+structural+evolution
Economic Liberalization and Political Violence: Utopia or Dystopia?
Francisco Gutiérrez (Editor), Gerd Schönwälder (Editor)

Editorial Reviews
Product Description

Globalization is lauded by some as a tool for spreading peace and prosperity, and decried by others as a harbinger of conflict and war. This book challenges both views. Narrowing down globalization to the more manageable notion of neoliberalism, *Economic Liberalization and Political Violence* studies the effect of neoliberalism on violent conflict and war-making. The sophisticated analysis includes statistical work and a set of qualitative case studies from Latin America (Colombia, Peru, El Salvador, and Guatemala) and sub-Saharan Africa (Côte d’Ivoire, Sudan, and Uganda). The findings demonstrate that the shift to neoliberal policies has produced widely diverging outcomes in different contexts. An invaluable source for students of political economy, development studies and international relations this book shows that neoliberalism can help to end violent conflict as well as bringing about new, criminal forms of violence.

http://www.amazon.com/Economic-Liberalization-Political-Violence-Utopia/dp/0745330630/ref=sr_1_cc_1?s=aps&ie=UTF8&qid=1351140576&sr=1-1-catcorr&keywords=Economic+liberalization+and+political+violence+%3A+Utopia+or+dystopia%3F
Micro/Nano Technology Systems for Biomedical Applications: Microfluidics, Optics, and Surface Chemistry
Chih-Ming Ho (Author)

Editorial Reviews
Product Description

In daily life, we are accustomed to working with length scales of feet or meters, but the building blocks from which our bodies are constructed are many orders of magnitude smaller. The technologies that are being developed to intervene at these minute scales have the potential to improve human health and significantly enrich our lives.

Revolutionary micro/nano technology platforms have led to dramatic advances in sample preparation, analysis and cell culture. From the 1990s through to the very beginning of the twenty-first century, the focus was on the development of manufacturing technologies. Through elegant design and sophisticated fabrication, the micro- to nano-scale manipulation of fluids and particles has become routine. Since then, it has become possible to control molecular interactions at device surfaces, and optical manipulation, imaging and sensing techniques can also be incorporated. Micro/nano technology platforms are already being used to study and direct biological processes at the cellular and subcellular level, and to detect disease with greater sensitivity and specificity. The challenges and excitement in the near future will be in engineering these sophisticated, multifunctional devices to seamlessly interface with complex biological systems.

Providing a clear guide that moves from molecules through devices to systems, this book reviews fundamental aspects of microfluidic devices, including fabrication, surface property control, pressure-driven and electrokinetic flow, and functions such as fluid mixing, particle sorting and molecular separations. The integration of optical and plasmonic imaging, optoelectronic tweezers for single particle manipulation, and optical and electrical signal transduction methods for biosensing are shown to provide extraordinary capabilities for bioanalytical and biomedical applications. These represent key areas of research that will lead to the next generation of micro/nano-based systems. Anyone working in this fast-changing field will benefit from this comprehensive review of the latest thinking, while researchers will find much to inspire and direct their work.
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[http://www.amazon.com/Micro-Technology-Systems-Biomedical-Applications/dp/0199219699/ref=sr_1_1?s=books&ie=UTF8&qid=1355752156&sr=1-1&keywords=Micro%2Fnano+technology+systems+for+biomedical+applications+%3A+microfluidics%2C+optics%2C+and+surface+chemistry](http://www.amazon.com/Micro-Technology-Systems-Biomedical-Applications/dp/0199219699/ref=sr_1_1?s=books&ie=UTF8&qid=1355752156&sr=1-1&keywords=Micro%2Fnano+technology+systems+for+biomedical+applications+%3A+microfluidics%2C+optics%2C+and+surface+chemistry)
Nano-CMOS Design for Manufacturability: Robust Circuit and Physical Design for Sub-65nm Technology Nodes
Ban P. Wong (Author), Anurag Mittal (Author), Greg W. Starr (Author), Franz Zach (Author), Victor Moroz (Author), Andrew Kahng (Author)

Editorial Reviews
Product Description
Discover innovative tools that pave the way from circuit and physical design to fabrication processing

Nano-CMOS Design for Manufacturability examines the challenges that design engineers face in the nano-scaled era, such as exacerbated effects and the proven design for manufacturability (DFM) methodology in the midst of increasing variability and design process interactions. In addition to discussing the difficulties brought on by the continued dimensional scaling in conformance with Moore's law, the authors also tackle complex issues in the design process to overcome the difficulties, including the use of a functional first silicon to support a predictable product ramp. Moreover, they introduce several emerging concepts, including stress proximity effects, contour-based extraction, and design process interactions.

This book is the sequel to Nano-CMOS Circuit and Physical Design, taking design to technology nodes beyond 65nm geometries. It is divided into three parts:

- Part One, Newly Exacerbated Effects, introduces the newly exacerbated effects that require designers' attention, beginning with a discussion of the lithography aspects of DFM, followed by the impact of layout on transistor performance
- Part Two, Design Solutions, examines how to mitigate the impact of process effects, discussing the methodology needed to make sub-wavelength patterning technology work in manufacturing, as well as design solutions to deal with signal, power integrity, WELL, stress proximity effects, and process variability
- Part Three, The Road to DFM, describes new tools needed to support DFM efforts, including an auto-correction tool capable of fixing the layout of cells with multiple optimization goals, followed by a look ahead into the future of DFM
Throughout the book, real-world examples simplify complex concepts, helping readers see how they can successfully handle projects on Nano-CMOS nodes. It provides a bridge that allows engineers to go from physical and circuit design to fabrication processing and, in short, make designs that are not only functional, but that also meet power and performance goals within the design schedule.

http://www.amazon.com/Nano-CMOS-Design-Manufacturability-Physical-Technology/dp/0470112808/ref=sr_1_fkmr0_1?s=books&ie=UTF8&qid=1355752303&sr=1-1-fkmr0&keywords=Nano-CMOS+design+for+manufacturability+%3A+robust+circuit+and+physical+design+for+sub-65+nm+technology+nodes
Nano and Micro Engineered Membrane Technology, Volume 10

CJM van Rijn (Author)

Editorial Reviews

Product Description

This book is about Nano and micro engineered membrane technology, an emerging new technological area in membrane technology. Potential applications cover a broad spectrum of science, such as micro and nano filtration, gas separation, optics and nanophotonics, catalysis, microbiology, controlled drug delivery, nanopatterning, micro contact printing, atomisation, cross flow emulsification, etc. A brief overview of filtration membranes and pore structures is presented in chapter 1 and in the subsequent chapter 2 an overview is presented of conventional micro perforation methods, like laser drilling, electroforming, precision etching etc. With micro engineering techniques (chapter 3), originating from the semiconductor industry, it is relatively easy to downscale and form submicron pores (down to 100 nm) using photolithographic methods, with e.g. contact masks and wafer steppers. In chapter 4 some elementary fluid mechanics related to fluid flow in conducts and single and multiple orifices is presented covering analytical methods as well as computational fluid dynamics. Much effort has been put in strength and maximum pressure load analysis (chapter 5) of perforated and unperforated membranes. New analytical expressions were obtained that were verified by a number of computer simulations and many experiments. A separate chapter (chapter 6) has been devoted to the pioneering work of manufacturing polymeric perforated membranes because of its potential future economical impact. Large scale microfiltration applications on e.g. skim milk and lager beer are presented in chapter 7, whereas in chapter 8 a micro scale Lab-on-a-Chip microfiltration/fractionation demonstrator is discussed.

Nanotechnology and nano engineered membranes is the fascinating topic of chapter 9, with typical examples as nanopatterning, nanophotonics and nanomembrane technology. This book closes with novel pioneering applications on atomization (chapter 10) for deep pulmonary inhale and cross flow emulsification (chapter 11) for the manufacturing of e.g. functional foods and nano/micro emulsions.

1. Overview on the implementation of nano and micro engineering techniques in membrane science; which is an upcoming new cross-road technology.
2. Demonstration of feasibility with respect to micro and nano filtration, gas separation, photonic structures, catalysis, microbiology, controlled drug delivery, nanopatterning, micro contact printing, atomisation and emulsification techniques.
3. Informative introductions with rules of thumb for fluid flow in micro channels, pressure strength of thin supported perforated and unperforated membranes, silicon micro machining techniques, membrane filtration technology, Rayleigh breakup and cross-flow emulsification.
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Nano- and Micromechanics of Polymers: Structure Modification and Improvement of Properties
Goerg H. Michler (Author), Francisco J. Balta-Calleja (Author)

Editorial Reviews
Product Description

The book brings together the detailed knowledge of structure and morphology of the main classes of polymers, including commodities as well as special polymers, with the explanation of the mechanical properties, processes and mechanisms on macroscopic, microscopic and nanoscopic scale. Description, explanation and theoretical interpretation of all of the micro- and nanoscopic processes and mechanisms in different polymers constitute the central part the book. Thus, it offers a key for a better understanding of structure-property-correlations of nearly all polymers of interest in industrial applications. A central aim of the book is to show, how by changing the morphology, microprocesses and, finally, the mechanical properties can be improved. There is no other book available on the market, which is focused on micromechanical processes of polymers and their role to improve the properties of polymeric materials.

Electrical Phenomena at Interfaces and Biointerfaces: Fundamentals and Applications in Nano-, Bio-, and Environmental Sciences

Hiroyuki Ohshima (Author)

Editorial Reviews

Product Description

This book bridges three different fields: nanoscience, bioscience, and environmental sciences. It starts with fundamental electrostatics at interfaces and includes a detailed description of fundamental theories dealing with electrical double layers around a charged particle, electrokinetics, and electrical double layer interaction between charged particles. The stated fundamentals are provided as the underpinnings of sections two, three, and four, which address electrokinetic phenomena that occur in nanoscience, bioscience, and environmental science. Applications in nanomaterials, fuel cells, electronic materials, biomaterials, stems cells, microbiology, water purificiaion, and humic substances are discussed.

http://www.amazon.com/Electrical-Phenomena-Interfaces-Biointerfaces-Environmental/dp/0470582553/ref=sr_1_1?ie=UTF8&qid=1355903156&sr=1-1&keywords=Electrical+phenomena+at+interfaces+and+biointerfaces+%3A+f undamentals+and+applicati ons+in+nano-%2C+bio-%2C+and+environmental+sciences
Several micro- and nanomanipulation techniques have emerged in recent decades thanks to advances in micro- and nanofabrication. For instance, the atomic force microscope (AFM) uses a nano-sized tip to image, push, pull, cut, and indent biological material in air, liquid, or vacuum. Using micro- and nanofabrication techniques, scientists can make manipulation tools, such as microgrippers and nanotweezers, on the same length scale as the biological samples. 

**Micro and Nano Techniques for the Handling of Biological Samples** reviews the different techniques available to manipulate and integrate biological materials in a controlled manner, either by sliding them along a surface (2-D manipulation), or by gripping and moving them to a new position (3-D manipulation). The advantages and drawbacks are mentioned together with examples that reflect the state-of-the-art in manipulation techniques for biological samples.

Thanks to the advances in micro- and nanomanipulation techniques, the integration of biomaterials with physical transducers has been possible, giving rise to new and highly sensitive biosensing devices. Although great progress has been made, challenges are still present. To understand the complex interactions between and inside biological samples, scientists will always be working on improving technologies to manipulate, transport, sort, and integrate samples in different environments. Balanced between simplicity for the beginner and hardcore theory for the more advanced readers, this book is the ideal launching point for sharpening the scientific tools required to address these challenges.

http://www.amazon.com/Micro-Techniques-Handling-Biological-Samples/dp/1439827435/ref=sr_1_1?s=books&ie=UTF8&qid=1355903667&sr=1-1&keywords=Micro+and+nano+techniques+for+the+handling+of+biological+samples
Handbook of Carbon Nano Materials (In 2 Volumes), Volume 1: Syntheses and Supramolecular Systems, Volume 2: Electron Transfer and Applications (Series on Carbon Nanoscience) [Hardcover]
Francis D'Souza (Author, Editor), Karl M. Kadish (Editor)

Editorial Reviews
Product Description

A hands on reference guide for scientists working in the fields of chemistry, physics, materials science, polymer science, solid-state physics, devices, nanotechnology or supramolecular science of carbon nanomaterials. In-depth and comprehensive coverage of topics combined with the perspectives for future research by the contributing authors. An invaluable reference source essential for both beginning and advanced researchers in the field.

Nano-Bio-Sensing  
Sandro Carrara (Editor)

Editorial Reviews
Product Description

The application of circuits and systems and engineering principles to problems in the medicine has led to the emergence of biomedical circuits and systems as an exciting and rapidly growing area of research. Nanotechnology provides new nano-structured materials with amazing properties. The properties offered by nanomaterials can be applied to develop advanced instrumentation for biomedical diagnostics and personalized therapy, as well as bio-sensing in the environment. Biotechnology provides new biochemical materials with novel properties to be applied to develop new performances in sensing techniques. These advancements in Nano- and Bio- technologies will lead to new concepts and applications for nano-bio-sensing systems. This book offers an invaluable reference to the state-of-the-art applications of nano-bio-sensing. It brings together expertise of researchers from the fields of nano-electronics and bio-technology, providing multidisciplinary content from nano-structures fabrication to bio-sensing applications.

Nano Optoelectronic Sensors and Devices: Nanophotonics from Design to Manufacturing

Ning Xi (Author), King Lai (Author)

Editorial Reviews

Product Description

Nanophotonics has emerged as a major technology and applications domain, exploiting the interaction of light-emitting and light-sensing nanostructured materials. These devices are light-weight, highly efficient, low on power consumption, and are cost effective to produce.

The authors of this book have been involved in pioneering work in manufacturing photonic devices from carbon nanotube (CNT) nanowires and provide a series of practical guidelines for their design and manufacture, using processes such as nano-robotic manipulation and assembly methods. They also introduce the design and operational principles of opto-electrical sensing devices at the nano scale. Thermal annealing and packaging processes are also covered, as key elements in a scalable manufacturing process.

Examples of applications of different nanowire based photonic devices are presented. These include applications in the fields of electronics (e.g. FET, CNT Schottky diode) and solar energy.

The book provides graduate students, practitioners and professionals with the background knowledge and tools needed to research and concretely develop new devices in the area of nano photonics and the necessary nano-manipulation and nano-assembly technologies required to do so.

- Discusses opto-electronic nanomaterials, characterization and properties from an engineering perspective, enabling the commercialization of key emerging technologies
- Provides scalable techniques for nanowire structure growth, manipulation and assembly (i.e. synthesis)
- Explores key application areas such as sensing, electronics and solar energy.
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To read a good book on nano science and technology, readers should have a reasonable grasp of quantum mechanics, which is exhaustively discussed in the first chapter. To be concerned with the technique of preparation of nano particles, two chapters are devoted on how to make different types of nano materials that are useful for various applications with their mechanical properties. The rest deals with the most important properties like magnetic, electronic and optical phenomena of nano materials citing the most useful and well-studied materials of importance today.

The author illustrates the novel techniques such as sol-gel method, Mossbauer spectroscopy for supermagnetic behaviour of nano-sized magnetite and many other methods, in order to have an edge on the interpretation of the experimental data to be able to elucidate the observed interesting property. All these subjects are given due importance as it is attracting a lot of attention of the scientists and technologists on the one hand, and on the other hand, both undergraduate and postgraduate students of various universities and institutes.