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The first part of the book examines the evolution of monetary policy and prudential frameworks of the ASEAN5, with particular focus on changes since the Asian financial crisis and the more recent period of unconventional monetary policy in advanced economies. The second part of the book looks at policy responses to global financial spillovers. The third and last part of the book elaborates on the challenges ahead for monetary policy, financial stability frameworks, and the deepening of

financial markets. • The book 43 JEE Main Mathematics Online & Offline Topic-wise Solved Papers provides the last 18 years ONLINE & OFFLINE (2002-18) papers. • The book contains a total of 43 papers - 17 papers of JEE Main from the year 2002 - 2018 held OFFLINE including the AIEEE 2011 RESCHEDULED paper and 25 JEE Main papers held ONLINE from 2012-19. • The book also provides separate (web link) free access to the 16 Online Solved Papers held in January & April, 2019. • The book is distributed into around 28 Chapters exactly following the chapter sequence of the

NCERT books of class 11 and 12. • The questions in each Chapter are further divided into 2-3 topics. The Questions are immediately followed by their detailed solutions. • The book constitutes of 1680 MCQs with Solutions. This second edition of Digital Optical Communications provides a comprehensive treatment of the modern aspects of coherent homodyne and self-coherent reception techniques using algorithms incorporated in digital signal processing (DSP) systems and DSP-based transmitters to overcome several linear and nonlinear transmission

impairments and frequency mismatching between the local oscillator and the carrier, as well as clock recovery and cycle slips. These modern transmission systems have emerged as the core technology for Tera-bits per second (bps) and Peta-bps optical Internet for the near future. Featuring extensive updates to all existing chapters, Advanced Digital Optical Communications, Second Edition: Contains new chapters on optical fiber structures and propagation, optical coherent receivers, DSP equalizer algorithms, and high-order spectral DSP receivers

Examines theoretical foundations, practical case studies, and MATLAB® and Simulink® models for simulation transmissions Includes new end-of-chapter practice problems and useful appendices to supplement technical information Downloadable content available with qualifying course adoption Advanced Digital Optical Communications, Second Edition supplies a fundamental understanding of digital communication applications in optical communication technologies, emphasizing

operation principles versus heavy mathematical analysis. It is an ideal text for aspiring engineers and a valuable professional reference for those involved in optics, telecommunications, electronics, photonics, and digital signal processing. E-PAPER DISPLAYS An in-depth introduction to a promising technology, curated by one of its pioneering inventors Electronic paper (e-paper) has one of the most promising futures in technology. E-paper's potential is unlimited, as the displays require extremely low power and imitate the aesthetic of ink on the page. This

allows e-paper devices to have a wider range of viewing angles than traditional LED products and are capable of being viewed in direct sunlight—and without any additional power. As a result, e-paper displays create less eye strain, have a greater flexibility in their use, and have the potential to be used in place of paper for billboard advertising, educational applications, and transport signage, and more. In E-Paper Displays, editor Bo-Ru Yang and his team of experts present a detailed view into the important technologies involved in e-paper displays, with a particular

emphasis on how this technology's unique properties make possible a wide range of personal and professional electronic products. As climate change makes efficient energy use more important than ever, e-paper can become an essential tool for future products on a large scale. As we rely more and more on technology, having lightweight devices with long battery life will become critical. This book provides engineers and innovators with an introduction to this important technology and shows new pathways for development. E-Paper Displays readers will also find: The editor is

one of the leading pioneers in this technology Contributions from an international team of experts in e-paper technology Descriptions of many advanced display types that rely on different principles than the widely used LCD and OLED types Another innovative title from Wiley-SID (Society for Information Displays) series As we enter a new stage in our industrial development, E-Paper Displays is an essential reference for computer engineers and developers, as well as innovators and scientists, and their students. This book discusses Japan's long-term economic recession and

provides remedies for that recession that are useful for other Asian economies. The book addresses why Japan's economy has stagnated since the bursting of its economic bubble in the 1990s. Its empirical analysis challenges the beliefs of some economists, such as Paul Krugman, that the Japanese economy is caught in a liquidity trap. This book argues that Japan's economic stagnation stems from a vertical "investment-saving" (IS) curve rather than a liquidity trap. The impact of fiscal policy has declined drastically, and the Japanese economy faces structural problems rather than a

temporary downturn. These structural problems have many causes: an aging demographic (a problem that is frequently overlooked), an over-reliance by local governments on transfers from the central government, and Basel capital requirements that have made Japanese banks reluctant to lend money to start-up businesses and small and medium-sized enterprises. This latter issue has discouraged Japanese innovation and technological progress. All these issues are addressed empirically and theoretically, and several remedies for Japan's long-

lasting recession are provided. This volume will be of interest to researchers and policy makers not only in Japan but also the People's Republic of China, many countries in the eurozone, and the United States, which may face similar challenges in the future. This book covers many aspects of excessive expansion of cross-border capital flows underlying the global financial crises that occurred in succession in the form of the subprime mortgage crisis, the collapse of Lehman Brothers, and the European debt crisis. Obtaining a broader picture of financial flows at the global level from various

perspectives is essential to comprehensively understand the fundamental causes for a series of global-scale financial crises and to formulate effective policy responses in the future. The topics addressed here include a basic concept and overview of global liquidity in a broad sense, domestic and international credit activities of financial institutions in both advanced and emerging countries, and global demand for US dollars. Offshore bond issuance in BRICS countries, including its implications for the Chinese shadow banking sector, uncovered interest rate parity puzzle,

and related policies such as capital controls are covered as well. This book is highly recommended to readers who seek an in-depth and up-to-date integrated overview of the dynamics of today's globalized financial markets. Internationalisation has been a binding request for firms dealing with the challenges of the present-day realities. Extant international business publications have recently begun to point out the relationship between the notions of 'business model' and 'internationalisation', yet the field needs considerably more attention. The core aim of this

book is to provide a comprehensive analysis of the ways in which business models and internationalisation impact one another in the process of initiating and expanding international business activities. The analysis makes it feasible to detect the core issues of the interdependences between business models and internationalisation to facilitate management decision-making and implementation of pertinent firm internationalisation incorporating the application of appropriate business models. In this book, the business model is applied to explore the specifics and

aspects of firm internationalisation processes. Innovating the business model is analysed as a persuasive means for augmenting the propensities of firms to internationalise. The book enriches the comprehension of the significance of business model innovation as an enabler of firm internationalisation, in view that scares in what manners business model innovation facilitate firm internationalisation. The book chapters address a broad range of issues encompassing: the general roles of business model in firm internationalisation, the relationships between digital

business models and platforms on one side and firm internationalisation on another, how business models determine the internationalisation of services firms, the interplay between business models and firm internationalisation in specific contexts. It will, therefore, be of interest to researchers, academics and advanced students in the fields of international business and management. Democracy promotion, security and energy are the predominant themes of US policy in Central Asia after the Cold War. This book analyses how the Bush administration understood and

pursued its interests in the Central Asia states, namely Kyrgyzstan, Tajikistan, Kazakhstan, Uzbekistan, Turkmenistan. It discusses the shift in US interests after September 11 and highlights key ideas, actors and processes that have been driving US policy in Central Asia. The author examines the similarities between the Bush and Obama administrations' attitudes towards the region, and he points to the inadequacy of the personality focused, partisan accounts that have all too often been deployed to describe the two presidential administrations. To understand US

Central Asian policy, it is necessary to appreciate the factors behind its continuities as well as the legacies of the September 11 attacks. Using case studies on the war on terror, energy and democracy, drawing on personal interviews with Americans and Central Asians as well as the fairly recent releases of declassified and leaked US Government documents via sources like the Rumsfeld Papers and Wikileaks, the author argues that the US approached Central Asia as a non-unitary state with an ambiguous hierarchy of interests. Traditionally domestic issues

could be internationalised and non-state actors were able to play significant roles. The actual relationships between its interests were neither as harmonious nor as conflicted as the administration and some of its critics claimed. Shedding new light on US relations with Central Asia, this book is of interest to scholars of Central Asia, US Politics and International Relations. Includes full-color isopach and richness maps for each organic-rich and organic-lean oil shale interval within the upper Green River Formation. Offers computational exploration of

trade-offs in drilling and heating options on the net energy return for oil produced from an in situ process. Analyzes costs and emissions associated with in situ production of oil shale. Discusses legal and policy issues for a nascent oil shale industry. Constitutional and administrative law (public law) is an essential element of all law degrees. Unlocking Constitutional and Administrative Law will ensure that you grasp the main concepts with ease, while giving you an indispensable foundation in the subject. This revised fourth edition is fully up to date with the latest key changes in the law and

constitutional developments. The UNLOCKING THE LAW series is designed specifically to make the law accessible. Each chapter contains: aims and objectives; activities such as self-test questions; charts of key facts to consolidate your knowledge; diagrams to aid memory and understanding; prominently displayed cases and judgments; chapter summaries; a glossary of legal terminology; essay questions with answer plans. The series covers all the core subjects required by the Bar Council and the Law Society for entry onto professional qualifications as

well as popular option units. • The book 43 JEE Main Chemistry Online & Offline Topic-wise Solved Papers provides the last 18 years ONLINE & OFFLINE (2002-18) papers. • The book contains a total of 43 papers - 17 papers of JEE Main from the year 2002 - 2018 held OFFLINE including the AIEEE 2011 RESCHEDULED paper and 25 JEE Main papers held ONLINE from 2012-19. • The book also provides separate (web link) free access to the 16 Online Solved Papers held in January & April, 2019. • The book is distributed into around 30 Chapters exactly following the chapter sequence of the

NCERT books of class 11 and 12. • The questions in each Chapter are further divided into 2-3 topics. The Questions are immediately followed by their detailed solutions. • The book constitutes of 1680 MCQs with Solutions. ISRO SCIENTIST ENGINEERING MECHANICAL & RAC ENGINEERING SOLVED PAPERS This book is meant to be a quick refresher for JEE (MAIN)/AIEEE aspirants. With the aim and scope of providing a comprehensive study package for aspirants of JEE (MAIN)/AIEEE, this crash course focuses less on theory and more on

concepts, formulae and tips. This is supported by plenty of practice problems based on the latest formats, structure and syllabus of JEE (MAIN)/AIEEE. This is further supplemented by a CD given along with this study kit with fully solved 2012 JEE (MAIN)/AIEEE question paper. Salient features: A Based on the latest pattern and syllabus of JEE (MAIN)/AIEEE A Solved examples, practice problems in each chapter A Previous years question papers fully solved A Less theory and more concepts, formulae and tips A Practice CD with fully solved JEE (MAIN)/AIEEE 2012 question

paper A Plenty of problems for practice A Comprehensive, holistic revision of the complete syllabus of JEE (MAIN)/AIEEE A In-depth analysis of the recent trends of JEE (MAIN)/AIEEE A A quick and efficient study kit for JEE (MAIN)/AIEEE aspirants A Facilitates self-study. A Low priced, handy book for quick and efficient revision "Report of the Dominion fishery commission on the fisheries of the province of Ontario, 1893", issued as an addendum to vol. 26, no. 7. This book constitutes the refereed proceedings of the 5th International Conference on

Social Computing, Behavioral-Cultural Modeling and Prediction, held in College Park, MD, USA, in April 2012. The 43 revised papers presented in this volume were carefully reviewed and selected from 76 submissions. The papers cover a wide range of topics including economics, public health, and terrorist activities, as well as utilize a broad variety of methodologies, e.g., machine learning, cultural modeling and cognitive modeling. Vols. for 1853-1911 include list of members. • The book 43 JEE Main Physics Online & Offline Topic-wise Solved Papers provides the last 18 years ONLINE &

OFFLINE (2002-18) papers. • The book contains a total of 43 papers - 17 papers of JEE Main from the year 2002 - 2018 held OFFLINE including the AIEEE 2011 RESCHEDULED paper and 25 JEE Main papers held ONLINE from 2012-19. • The book also provides separate (web link) free access to the 16 Online Solved Papers held in January & April, 2019. • The book is distributed into around 28 Chapters exactly following the chapter sequence of the NCERT books of class 11 and 12. • The questions in each Chapter are further divided into 2-3 topics. The Questions are immediately

followed by their detailed solutions. • The book constitutes of 1680 MCQs with Solutions. The Model Rules of Professional Conduct provides an up-to-date resource for information on legal ethics. Federal, state and local courts in all jurisdictions look to the Rules for guidance in solving lawyer malpractice cases, disciplinary actions, disqualification issues, sanctions questions and much more. In this volume, black-letter Rules of Professional Conduct are followed by numbered Comments that explain each Rule's purpose and

provide suggestions for its practical application. The Rules will help you identify proper conduct in a variety of given situations, review those instances where discretionary action is possible, and define the nature of the relationship between you and your clients, colleagues and the courts. In July 2011, South Sudan was granted independence and became the world's newest country. Yet just two-and-a-half years after this momentous decision, the country was in the grips of renewed civil war and political strife. Hilde F. Johnson served as Special Representative of the Secretary-

General and Head of the United Nations Mission in the Republic of South Sudan from July 2011 until July 2014 and, as such, she was witness to the many challenges which the country faced as it struggled to adjust to its new autonomous state. In this book, she provides an unparalleled insider's account of South Sudan's descent from the ecstatic celebrations of July 2011 to the outbreak of the disastrous conflict in December 2013 and the early, bloody phase of the fighting. Johnson's frequent personal and private contacts at the highest levels of government,

accompanied by her deep knowledge of the country and its history, make this a unique eyewitness account of the turbulent first three years of the world's newest - and yet most fragile - country. A noted expert provides a detailed, if chilling, examination of one of the most brutal and long-lived insurgent groups in Africa: Joseph Kony's Lord's Resistance Army. • Analyzes the Lord's Resistance Army's background, ideology, and operations • Assesses how the LRA's ideology and operations compare with other armed movements • Describes various efforts to contain or end the group • Describes the

larger societal and political factors that can give rise to such groups, providing context for those interested in the overall security situation in East Africa This book constitutes the refereed proceedings of the 38th Conference on Current Trends in Theory and Practice of Computer Science, SOFSEM 2012, held in Špindlerův Mlýn, Czech Republic, in January 2012. The 43 revised papers presented in this volume were carefully reviewed and selected from 121 submissions. The book also contains 11 invited talks, 10 of which are in full-paper length. The contributions are organized in topical

sections named: foundations of computer science; software and Web engineering; cryptography, security, and verification; and artificial intelligence. With particular reference to India. A pervasive disconnect exists between the job/career culture and the present economic reality in America. This book offers powerful strategies for stemming the employment crisis and proposes comprehensive solutions for businesses, government, and job seekers alike. • Explains how the current job skills crisis stems from a broad structural failure of the

education-to-employment system and has sweeping societal and economic consequences • Identifies the "hot jobs" of the current decade and the requisite skills and educational preparation needed to obtain them • Describes how digital technology has permanently altered the nature of the U.S. and global job/labor market • Provides information critical to a wide audience: businesses seeking to fill vacant jobs, community organizations and governments trying to attract new enterprises and retain current businesses, educators preparing students for careers, and

students and parents concerned about job and career options. The complexities of financing, installing, implementing, and regulating public infrastructures, including empirical research, analytical models, and theoretical insights. Infrastructures—tangible, intangible, and institutional public facilities, from bridges to health care—are a vital precondition for economic and societal wellbeing. There has been an increasing awareness that we cannot rely on market forces for infrastructure investment and maintenance. In this volume, experts from Europe, North and South America,

and Asia examine the complexities of financing, installing, implementing, and regulating public infrastructures. Their contributions span a range of methodological approaches, including historical and empirical research, analytical models, theoretical analysis, and sector and regional case studies; they consider the economics of infrastructure provisioning by government, through private-public partnerships, and privatization arrangements. The book first treats general investment, growth, and policy issues, and then offers sector-specific analyses of transportation,

energy, telecommunications, and water infrastructures. The chapters cover topics that include the evolution of historical infrastructure; the relationships between the state and private finance in funding and financing infrastructure; and the relevance of infrastructure for economic growth. Contributors Julio C. Aguirre, Laure Athias, Stephen J. Bailey, Sumedha Bajar, Biswa Nath Bhattacharyay, Federico Boffa, Daniel Danau, Sumit S. Deole, Balázs Egert, Massimo Florio, Stephan Fretz, Asmae El Gallaa, Marco Giorgino, Hugh Goldsmith, Nico Grove, Markus

Hofmann, Lynne
Kiesling, Johann
Kranz, Antonio
Nunez, Arnold
Picot, Michael
Pollitt, Olivier
Crespi Reghizzi,
Martina
Santandrea,
Stéphane Straub,
Annalisa Vinella
The growth of
financial markets
has clearly
outpaced the
development of
financial market
regulations. With
growing complexity
in the world of
finance, and the
resultant higher
frequency of
financial crises, all
eyes have shifted
toward the current
inad This volume is
an inspiring and
breakthrough piece
of academic
scholarship and the
first of its kind
featuring a
comprehensive

reader-friendly
approach to teach
the intricacies of
the various aspects
of international
farm animal,
wildlife
conservation, food
safety and
environmental
protection law. The
selected focus areas
are grouped in
sections, such as
agrobiodiversity,
fishing and
aquaculture,
pollinators and
pesticides, soil
management,
industrial animal
production and
transportation, and
international food
trade. Farm animal
welfare,
environmental
protection,
biodiversity
conservation, and
food safety are the
core of the selected
chapters. Every
chapter provides

real-world examples
to make the
complex field easy
to understand. With
its systematic
approach, this book
is devoted to
anyone interested
in the subject,
becomes a valuable
resource for
professionals
working in food
regulation, and
provides a solid
foundation for
courses and
master's programs
in animal law,
environmental
policy, food and
agriculture law, and
regulation of these
subjects around the
world. Through its
emphasis on
sustainable food
production, this
work offers a
cutting-edge
selection of
evolving topics at
the heart of the
pertinent discourse.

As one of its highlights, this book also provides "Tools for Change," a unique compilation and analysis of laws from the major farm animal product trading nations. With these tools, practitioners, advocates, policy makers and other state-holders are equipped with information to start work toward improving farm animal welfare, wildlife conservation, and food safety through the use of law and policy. An authoritative guide to educational supervision in today's complex environment The Wiley Handbook of Educational Supervision offers a comprehensive

resource that explores the evolution of supervision through contributions from a panel of noted experts. The text explores a wealth of topics including recent and dramatic changes in the complex context of today's schools. This important resource: Describes supervision in a historical context Includes a review of adult learning and professional community Reviews new teacher preparation and comprehensive induction systems Contains perspectives on administrative feedback, peer coaching and collaboration Presents information on

professional development and job-embedding learning Examines policy and implementation challenges in teacher evaluation Written for researchers, policy analysts, school administrators and supervisors, The Wiley Handbook of Educational Supervision draws on concepts, theories and research from other closely related fields of study to enhance and challenge our understanding of educational supervision. FIA Foundations in Taxation - FTX FA2012 -Kit The International Handbook of Political Ecology features chapters by leading scholars

from around the world in a unique collection exploring the multi-disciplinary field of political ecology. This landmark volume canvasses key developments, topics, and is accompanied by an annual issue in 1944 and by quarterly cumulative issues beginning in 1945. Energy has become a central concern of many strands of geographical inquiry, from global climate change to the effects of energy decisions on our lives. However, many aspects of the 'black box' of relationships at the energy-society interface remain unopened, especially in terms of the spatial underpinnings of

energy production and consumption within nations, cities and regions. Debates focusing on the location and nature of energy flows frequently fail to consider the multiple geographical networks that illustrate and explain the distribution of fuels and services around the world. Providing an integrated perspective on the complex interdependencies between energy and geography, The Routledge Research Companion to Energy Geographies offers a timely conceptual framework to study the multiple facets of energy geography, including security,

space and place, planning, environmental science, economics and political science. Illustrating how a geographic approach towards energy can aid decision-making pathways in the domains of social justice and environment, this book provides insights that will help move the international community toward greater cooperation, stability, and sustainability. This timely collection will be the first of its kind to focus on the practical application of the government job guarantee (JG) for both developed and developing economies. Global case studies

include: United States, China, Ghana, Argentina, Ireland, Iceland, and India. Enriching understanding of the current theoretical debate on project-based learning and R&D sourcing, 'Project-based Knowledge in Organizing Open Innovation' draws on innovation literature and knowledge-based perspectives to solve open problems in the relationship between knowledge development at project level and how firms organize product innovation combining in-house R&D activities with

inbound open innovation. Through field research in different industrial settings (pharmaceutical, automotive and machine tools) and with complementary methodological approaches, this book provides empirical evidence on how project knowledge features affect sourcing decisions at firm level. Due to the emerging interest in the management literature on project-based organizations and on the relevance of project forms of organizing in a knowledge-based economy, this volume will appeal

to scholars and students in business and management, in particular those in innovation management, organization theory and strategic management. Addressing the still open issue of how the firm level should be complemented by studies at the project level of analysis, this book provides theoretical and empirical arguments on the advantages of a more fine-grained level of analysis to understand how firms organize their innovation processes across boundaries.