

Klm Technology Group Coalescer

The leading green building reference, updated with the latest advances in the field Sustainable Construction is the leading reference for the design, construction, and operation of high performance green buildings. With broad coverage including architecture, engineering, and construction, this book nevertheless delivers detailed information on all aspects of the green building process, from materials selection to building systems and more. This new fourth edition has been updated to reflect the latest codes and standards, including LEED v4, and includes new coverage of carbon accounting. The discussion has been updated to align with the current thinking on economics, climate change, net zero buildings, and more, with contributions by leaders in the field that illustrate the most recent shifts in thinking and practice. Ancillary materials including an instructor's manual and PowerPoint presentations for each chapter help bring this clear and up-to-date information into the classroom, making this book a valuable reference for working construction professionals. Also, Interactive graphics found throughout the course help activate the content and highlight key concepts for students. Sustainable construction has gone mainstream, and will one day be the industry norm. This book provides a comprehensive reference to all aspects of a project to show you how green building concepts and principles apply throughout the design and construction process. Get up to date on the latest green building codes and standards Learn about the newest technology in green building materials Adopt the best practices in procurement and delivery systems Apply sustainability concepts to all aspects of construction and design Green buildings operate at a very high level of efficiency, which is made possible only by careful consideration every step of the way. Appropriate land use, landscaping, construction materials, siting, water use, and more all play a role in a structure's ultimate carbon footprint. Sustainable Construction provides clear guidance for all aspects of green building, including the most recent advances and the latest technology. Name any industry and more likely than not you will find that the three strongest, most efficient companies control 70 to 90 percent of the market. Here are just a few

examples: McDonald's, Burger King, and Wendy's General Mills, Kellogg, and Post Nike, Adidas, and Reebok Bank of America, Chase Manhattan, and Banc One American, United, and Delta Merck, Johnson & Johnson, and Bristol-Myers Squibb

Based on extensive studies of market forces, the distinguished business school strategists and corporate advisers Jagdish Sheth and Rajendra Sisodia show that natural competitive forces shape the vast majority of companies under "the rule of three." This stunning new concept has powerful strategic implications for businesses large and small alike. Drawing on years of research covering hundreds of industries both local and global, *The Rule of Three* documents the evolution of markets into two complementary sectors -- generalists, which cater to a large, mainstream group of customers; and specialists, which satisfy the needs of customers at both the high and low ends of the market. Any company caught in the middle ("the ditch") is likely to be swallowed up or destroyed. Sheth and Sisodia show how most markets resemble a shopping mall with specialty shops anchored by large stores. Drawing wisdom from these markets, *The Rule of Three* offers counterintuitive insights, with suggested strategies for the "Big 3" players, as well as for mid-sized companies that may want to mount a challenge and for specialists striving to flourish in the shadow of industry giants. The book explains how to recognize signs of market disruptions that can result in serious reversals and upheavals for companies caught unprepared. Such disruptions include new technologies, regulatory shifts, innovations in distribution and packaging, demographic and cultural shifts, and venture capital as well as other forms of investor funding. Years in the making and sweeping in scope, *The Rule of Three* provides authoritative, research-based insights into market dynamics that no business manager should be without.

Provides information on writing a driver in Linux, covering such topics as character devices, network interfaces, driver debugging, concurrency, and interrupts.

The manipulation of cells and microparticles within microfluidic systems using external forces is valuable for many microscale analytical and bioanalytical applications. Acoustofluidics is the ultrasound-based external forcing of microparticles with microfluidic systems. It has gained much interest because it allows for the simple label-free

separation of microparticles based on their mechanical properties without affecting the microparticles themselves. Microscale Acoustofluidics provides an introduction to the field providing the background to the fundamental physics including chapters on governing equations in microfluidics and perturbation theory and ultrasound resonances, acoustic radiation force on small particles, continuum mechanics for ultrasonic particle manipulation, and piezoelectricity and application to the excitation of acoustic fields for ultrasonic particle manipulation. The book also provides information on the design and characterization of ultrasonic particle manipulation devices as well as applications in acoustic trapping and immunoassays. Written by leading experts in the field, the book will appeal to postgraduate students and researchers interested in microfluidics and lab-on-a-chip applications.

SAE Technical Paper Series

Mapping Ecosystem Services

Sustainable Construction

Investment Policy Review

For College Students Who Want to Make a Difference

Interdisciplinarity and Climate Change

The Potential and Challenges of Drop-In Biofuels

The need for this book has arisen from demand for a current text from our students in Petroleum Engineering at Imperial College and from post-experience Short Course students. It is, however, hoped that the material will also be of more general use to practising petroleum engineers and those wishing for an introduction into the specialist literature. The book is arranged to provide both background and overview into many facets of petroleum engineering, particularly as practised in the offshore environments of North West Europe. The material is largely based on the authors' experience as teachers and consultants and is supplemented by worked problems where they are believed to enhance understanding. The authors would like to express their sincere thanks and appreciation to all the people who have helped in the preparation of this book by technical comment and discussion and by giving permission to reproduce material. In particular we would like to thank our present colleagues and students at Imperial College and at ERC Energy Resource Consultants Ltd. for their stimulating company, Jill and Janel for typing seemingly endless manuscripts; Dan Smith at Graham and Trotman Ltd. for his perseverance and optimism; and Lesley and Joan for believing that one day things would return to normality.

John S. Archer and Colin G. Wall 1986 ix Foreword Petroleum engineering has developed as an area of study only over the present century. It now provides the technical basis for the exploitation of petroleum fluids in subsurface sedimentary rock reservoirs.

Natural Gas Processing Technology and Engineering Design Gulf Professional Publishing

This fully revised and up-dated Second Edition of the highly successful Process Pump Selection eases the daunting task that faces a process industries' engineer employed in the process industries and responsible for the specification, selection, and purchase of process equipment.

This volume provides essential guidelines, based on the operational experience of large numbers of plumbing installations over many years on a diverse range of duties and process plants.

Process Pump Selection: A Systems Approach will be an invaluable source of information for engineers and others working for user organizations in the process and service sector industries.

It will not only be of great assistance to engineers faced with the specification, selection, and procurement of pumps, but will also provide pump manufacturers with a great insight into the problems facing pump users and plant designers.

COMPLETE CONTENTS:

Pump specification and selection Positive displacement pumps: reciprocating metering Positive

displacement pumps: reciprocating special purpose Positive displacement pumps: rotary

Centrifugal pumps Centrifugal pumps: special purpose and multistage Common points Sealing

considerations Pump and system combined Appendices Index

In A Grammar of Dazaga, Josiah Walters provides a detailed description of Dazaga, a Saharan language. Based on recent data, the author describes the phonology, morphology, and syntax of Dazaga, relating his findings to related languages and recent typological studies.

Influences of the IEA Civic and Citizenship Education Studies

Law and Regulation of Air Cargo

Natural Gas Processing

You Are Not So Smart

Principles and Practice

Exploring Leadership

Linux Device Drivers

This monograph is planned to provide the application of the soliton theory to solve certain practical problems selected from the fields of solid mechanics, fluid mechanics and biomechanics. The work is based mainly on the authors' research carried out at their home institutes, and on some specified, significant results existing in the published literature. The methodology to study a given evolution equation is to seek the waves of permanent form, to test whether it possesses any symmetry properties, and whether it is stable and solitonic in nature. Students of physics, applied mathematics, and engineering are usually exposed to various branches of nonlinear mechanics, especially to the soliton theory. The soliton is regarded as an entity, a quasi-particle, which conserves its character and interacts with the surroundings and other solitons as a particle. It is related to a strange phenomenon, which consists in the propagation of certain waves without attenuation in dissipative media. This phenomenon has been known for about 200 years (it was described, for example, by the Joule Verne's novel *Les histoires de Jean Marie Cabidoulin*, Éd. Hetzel), but its detailed quantitative description became possible only in the last 30 years due to the exceptional development of computers. The discovery of the physical soliton is attributed to John Scott Russell. In 1834, Russell was observing a boat being drawn along a narrow channel by a pair of horses. Written by a highly regarded author with industrial and academic experience, this new edition of an established bestselling book provides practical guidance for students, researchers, and those in chemical engineering. The book includes a new section on sustainable energy, with sections on carbon capture and sequestration, as a result of increasing

environmental awareness; and a companion website that includes problems, worked solutions, and Excel spreadsheets to enable students to carry out complex calculations.

General relativity is now an essential part of undergraduate and graduate courses in physics, astrophysics and applied mathematics. This simple, user-friendly introduction to relativity is ideal for a first course in the subject. Beginning with a comprehensive but simple review of special relativity, the book creates a framework from which to launch the ideas of general relativity. After describing the basic theory, it moves on to describe important applications to astrophysics, black hole physics, and cosmology. Several worked examples, and numerous figures and images, help students appreciate the underlying concepts. There are also 180 exercises which test and develop students' understanding of the subject. The textbook presents all the necessary information and discussion for an elementary approach to relativity. Password-protected solutions to the exercises are available to instructors at www.cambridge.org/9780521735612.

Interdisciplinarity and Climate Change is a major new book addressing one of the most challenging questions of our time. Its unique standpoint is based on the recognition that effective and coherent interdisciplinarity is necessary to deal with the issue of climate change, and the multitude of linked phenomena which both constitute and connect to it. In the opening chapter, Roy Bhaskar makes use of the extensive resources of critical realism to articulate a comprehensive framework for multidisciplinary, interdisciplinarity, transdisciplinarity and cross-disciplinary understanding, one which duly takes account of ontological as well as epistemological considerations. Many of the subsequent chapters seek to show how this general approach can be used to make intellectual sense of the complex phenomena in and around the issue of climate change, including our response to it. Among the issues discussed, in a number of graphic and compelling studies, by a range of distinguished contributors, both activists and scholars, are: The dangers of reducing all environmental, energy and climate gas issues to questions of carbon dioxide emissions The problems of integrating natural and social scientific work and the perils of monodisciplinary tunnel vision The consequences of the neglect of issues of consumption in climate policy The desirability of a care-based ethics and of the integration of cultural considerations into climate policy The problem of relating theoretical knowledge to practical action in contemporary democratic societies Interdisciplinarity and Climate Change is essential reading for all serious students of the fight against climate change, the interactions between governmental bodies, and critical realism.

Microscale Acoustofluidics

Green Building Design and Delivery

A Report by IEA Bioenergy Task 39

Improving the Airport Customer Experience

A Grammar of Dazaga

Chemical Process Design and Integration

This book explores the legal and regulatory aspects of the complex air cargo sector, discussing in detail the general principles of the carriage of air cargo; artificial intelligence and air cargo; facilitation; carriage of hazardous goods; human remains; and animals, as well as cargo security; price fixing and anti competitive conduct in air cargo operations; liability issues; the air cargo supply chain and contract of carriage. It also discusses related achievements of the International Civil Aviation Organization; the International Air Transport Association and Airports Council International. The value of goods carried by airlines represents 7.4% of the global Gross Domestic Product. While cargo carried by air accounts for less than 1% of global cargo carriage, airlines carry 35% of the value of world trade, making this industry highly valuable and efficient, and the most reliable way to transport goods throughout the world. On average, airlines transport 52 million metric tons of goods per annum, worth an equivalent of \$6.8 trillion, i.e. \$18.6 billion worth of goods daily. This open access book identifies the multiple ways that IEA studies of civic and citizenship education have contributed to national and international educational discourse, research, policymaking, and practice. The IEA International Civic and Citizenship Education Study (ICCS), first conducted in 2009, was followed by a second cycle in 2016. The project was linked to the earlier IEA Civic Education Study (CIVED 1999, 2000). IEA ICCS remains the only large-scale international study dedicated to formal and informal civic and citizenship education in school. It continues to make substantial contributions to understanding the nature of the acquired civic knowledge, attitudes, and participatory skills. It also discusses in-depth how a wide range of countries prepare their young people for citizenship in changing political, social, and economic circumstances. The next cycle of ICCS is planned for 2022. In this book, more than 20 national representatives and international scholars from Europe, Latin America, Asia, and North America assess how the processes and findings of the 2009 and 2016 cycles of ICCS and CIVED 1999/2000 have been used to improve nations' understanding of their students' civic knowledge, beliefs, attitudes, current civic-related behaviors, and intentions for future participation in a comparative context. There are also chapters summarizing the secondary analysis of those studies' results indicating their usefulness for educational improvement and reflecting on policy issues. The analyses and reflections in this book provide timely insight into international educational discourse, policy, practice, and research in an area of education that is becoming increasingly important for many societies.

This book focuses on one mechanism in black hole physics which has proven to be universal, multifaceted and with a rich phenomenology: rotational superradiance. This is an energy extraction process, whereby black holes can deposit their rotational energy in their surroundings, leading to Penrose processes, black-hole bombs, and even Hawking radiation. Black holes are key

players in star formation mechanisms and as engines to some of the most violent events in our universe. Their simplicity and compactness make them perfect laboratories, ideally suited to probe new fields or modifications to the theory of gravity. Thus, black holes can also be used to probe some of the most important open problems in physics, including the nature of dark matter or the strong CP problem in particle physics. This monograph is directed to researchers and graduate students and provides a unified view of the subject, covering the theoretical machinery, experimental efforts in the laboratory, and astrophysics searches. It is focused on recent developments and works out a number of novel examples and applications, ranging from fundamental physics to astrophysics. Non-specialists with a scientific background should also find this text a valuable resource for understanding the critical issues of contemporary research in black-hole physics. This second edition stresses the role of ergoregions in superradiance, and completes its catalogue of energy-extraction processes. It presents a unified description of instabilities of spinning black holes in the presence of massive fields. Finally, it covers the first experimental observation of superradiance, and reviews the state-of-the-art in the searches for new light fields in the universe using superradiance as a mechanism.

The NATO Advanced Research Workshop from which this book derives was conceived during Biotech-88, the Second Spanish Conference on Biotechnology, held at Barcelona in June 1988. The President of the Conference, Dr. Ricardo Guerrero, had arranged sessions on bacterial polymers which included lectures by five invited participants who, together with Dr. Guerrero, became the Organizing Committee for a projected meeting that would focus attention upon the increasing international importance of novel biodegradable polymers. The proposal found favour with the NATO Science Committee and, with Dr. R. Clinton Fuller and Dr. Robert W. Lenz as the co-Directors, Dr. Edwin A. Dawes as the Proceedings Editor, and Dr. Hans G. Schlegel, Dr. Alexander J.B. Zehnder and Dr. Ricardo Guerrero as members of the Organizing Committee, the meeting quickly took shape. To Dr. Guerrero we owe the happy choice of Sitges for the venue, a pleasant coastal resort 36 kilometres from Barcelona, which proved ideal. The sessions were held at the Palau de Maricel in appropriately impressive surroundings, and invaluable local support was provided by Mr. Jordi Mas-Castella and by Ms. Merce Piqueras. Much of the preparatory work fell upon the broad shoulders of Mr. Edward Knee, whose efforts are deeply appreciated. The Organizing Committee hopes that this Workshop will prove to be the first of a series which will aim to keep abreast of a rapidly expanding and exciting area of research that is highly relevant to environmental and industrial interests.

Process Plant Layout

Iran: a Revolutionary Republic in Transition

Layer of Protection Analysis

Paris-Amsterdam Underground

The Netherlands 1850-2050

Process Pump Selection

A Fluvial Account of Bengal

"TRB's Airport Cooperative Research Program (ACRP) Report 157: Improving the Airport Customer Experience documents notable and emerging practices in airport customer service management that increase customer satisfaction, recognizing the different types of customers (such as passengers, meeters and greeters, and employees) and types and sizes of airports. It also identifies potential improvements that airports could make for their customers." -- Publisher's description

The present training package is addressed to entrepreneurs and policymakers of developing countries. Part One of the training package presents the international development scenario, the competitive environment and the drivers for global expansion of enterprises. It highlights the patterns of multinational expansion, the various types of inter-firm collaboration agreement, the global manufacturing strategies of multinational enterprises and the related challenges and opportunities for developing countries. Attention is also given to the role of the governments of developing countries in creating suitable locational conditions for multinational enterprises and in providing critical support to domestic enterprises in their path for technological capability building and internationalization. Part Two will follow shortly.

This open access book examines more than two centuries of societal development using novel historical and statistical approaches. It applies the well-being monitor developed by Statistics Netherlands that has been endorsed by a significant part of the international, statistical community. It features The Netherlands as a case study, which is an especially interesting example; although it was one of the world's richest countries around 1850, extreme poverty and inequality were significant problems of well-being at the time. Monitors of 1850, 1910, 1970 and 2015 depict the changes in three dimensions of well-being: the quality of life 'here and now', 'later' and 'elsewhere'. The analysis of two centuries shows the solutions to the extreme poverty problem and the appearance of new sustainability problems, especially in domestic and foreign ecological systems. The study also reveals the importance of natural capital: soil, air, water and subsoil resources, showing their relation with the social structure of the 'here and now'. Treatment and trade of natural resources also impacted on the quality of life 'later' and 'elsewhere.' Further, the book illustrates the role of natural capital by dividing the capital into three types of raw materials and concomitant material flows: bio-raw materials, mineral and fossil subsoil resources. Additionally, the analysis of the institutional context identifies the key roles of social groups in well-being development. The book ends with an assessment of the solutions and barriers offered by the historical anchoring of the well-being and sustainability issues. This unique analysis of well-being and sustainability and its institutional

analysis appeals to historians, statisticians and policy makers.

Layer of protection analysis (LOPA) is a recently developed, simplified method of risk assessment that provides the much-needed middle ground between a qualitative process hazard analysis and a traditional, expensive quantitative risk analysis. Beginning with an identified accident scenario, LOPA uses simplifying rules to evaluate initiating event frequency, independent layers of protection, and consequences to provide an order-of-magnitude estimate of risk. LOPA has also proven an excellent approach for determining the safety integrity level necessary for an instrumented safety system, an approach endorsed in instrument standards, such as ISA S84 and IEC 61511. Written by industry experts in LOPA, this pioneering book provides all the necessary information to undertake and complete a Layer of Protection Analysis during any stage in a processes' life cycle. Loaded with tables, charts, and examples, this book is invaluable to technical experts involved with ensuring the safety of a process. Because of its simplified, quicker risk assessment approach, LOPA is destined to become a widely used technique. Join other major companies and start your LOPA efforts now by purchasing this book.

Surviving and Thriving in Competitive Markets

A Global Perspective

Geography of Growth

Human-Computer Interaction

Petroleum Engineering

New Frontiers in Black Hole Physics

Ultrasound Technologies for Food and Bioprocessing

Natural gas is considered the dominant worldwide bridge between fossil fuels of today and future resources of tomorrow. Thanks to the recent shale boom in North America, natural gas is in a surplus and quickly becoming a major international commodity. Stay current with conventional and now unconventional gas standards and procedures with *Natural Gas Processing: Technology and Engineering Design*. Covering the entire natural gas process, Bahadori's must-have handbook provides everything you need to know about natural gas, including: Fundamental background on natural gas properties and single/multiphase flow factors How to pinpoint equipment selection criteria, such as US and international standards, codes, and critical design considerations A step-by-step simplification of the major gas processing procedures, like sweetening, dehydration, and sulfur recovery Detailed explanation on plant engineering and design steps for natural gas projects, helping managers and contractors understand how to schedule, plan, and manage a safe and efficient processing plant Covers both conventional and unconventional gas resources such as coal bed methane and shale gas Bridges natural gas processing with basic and advanced engineering design of natural gas projects including real world case studies Digs deeper with practical equipment sizing calculations for flare systems, safety relief valves, and control valves

Online version: Technical papers portion of the SAE Digital Library references thousands of SAE Technical Papers covering the latest advances and research in all areas of mobility engineering including ground vehicle, aerospace, off-highway, and manufacturing technology. Sample coverage includes fuels and lubricants, emissions, electronics, brakes, restraint systems, noise, engines, materials, lighting, and more. Your SAE service includes detailed summaries, complete documents in PDF, plus document storage and maintenance

An entertaining illumination of the stupid beliefs that make us feel wise. You believe you are a rational, logical being who sees the world as it really is, but journalist David McRaney is here to tell you that you're as deluded as the rest of us. But that's OK- delusions keep us sane. *You Are Not So Smart* is a celebration of self-delusion. It's like a psychology class, with all the boring parts taken out, and with no homework. Based on the popular blog of the same name, *You Are Not So Smart* collects more than 46 of the lies we tell ourselves everyday, including: Dunbar's Number - Humans evolved to live in bands of roughly 150 individuals, the brain cannot handle more than that number. If you have more than 150 Facebook friends, they are surely not all real friends. Hindsight bias - When we learn something new, we reassure ourselves that we knew it all along. Confirmation bias - Our brains resist new ideas, instead paying attention only to findings that reinforce our preconceived notions. Brand loyalty - We reach for the same brand not because we trust its quality but because we want to reassure ourselves that we made a smart choice the last time we bought it. Packed with interesting sidebars and quick guides on cognition and common fallacies, *You Are Not So Smart* is a fascinating synthesis of cutting-edge psychology research to turn our minds inside out.

This publication serves as a roadmap for exploring and managing climate risk in the U.S. financial system. It is the first major climate publication by a U.S. financial regulator. The central message is that U.S. financial regulators must recognize that climate change poses serious emerging risks to the U.S. financial system, and they should move urgently and decisively to measure, understand, and address these risks. Achieving this goal calls for strengthening regulators' capabilities, expertise, and data and tools to better monitor, analyze, and quantify climate risks. It calls for working closely with the private sector to ensure that financial institutions and market participants do the same. And it calls for policy and regulatory choices that are flexible, open-ended, and adaptable to new information about climate change and its risks, based on close and iterative dialogue with the private sector. At the same time, the financial community should not simply be reactive—it should provide solutions. Regulators should recognize that the financial system can itself be a catalyst for investments that accelerate economic resilience and the transition to a net-zero emissions economy. Financial innovations, in the form of new financial products, services, and technologies, can help the U.S. economy better manage climate risk and help channel more capital into technologies essential for the transition.

<https://doi.org/10.5281/zenodo.5247742>

Managing Climate Risk in the U.S. Financial System

Transforming Knowledge and Practice for Our Global Future

Annual Bulletin of Statistics

Technology and Engineering Design

Safety for the Worker

A Systems Approach

Novel Biodegradable Microbial Polymers

The postwar histories of Paris and Amsterdam have been significantly defined by the notion of the “underground” as both a material and metaphorical space. Examining the underground traffic between the two cities, this book interrogates the countercultural histories of Paris and Amsterdam in the mid to late-twentieth century. Shuttling between Paris and Amsterdam, as well as between postwar avant-gardism and twenty-first century global urbanism, this interdisciplinary book seeks to create a mirroring effect over the notion of the underground as a driving force in the making of the contemporary European city.

Human-Computer Interaction: An Empirical Research Perspective is the definitive guide to empirical research in HCI. The book begins with foundational topics including historical context, the human factor, interaction elements, and the fundamentals of science and research. From there, you'll progress to learning about the methods for conducting an experiment to evaluate a new computer interface or interaction technique. There are detailed discussions and how-to analyses on models of interaction, focusing on descriptive models and predictive models. Writing and publishing a research paper is explored with helpful tips for success. Throughout the book, you'll find hands-on exercises, checklists, and real-world examples. This is your must-have, comprehensive guide to empirical and experimental research in HCI—an essential addition to your HCI library. Master empirical and experimental research with this comprehensive, A-to-Z guide in a concise, hands-on reference Discover the practical and theoretical ins-and-outs of user studies Find exercises, takeaway points, and case studies throughout

"The new book Mapping Ecosystem Services provides a comprehensive collection of theories, methods and practical applications of ecosystem services (ES) mapping, for the first time bringing together valuable knowledge and techniques from leading international experts in the field."

(www.eurekalert.org).

This is the first comprehensive book on the rivers of the Ganga-Brahmaputra-Meghna delta. This volume covers all aspects of this highly populated region including land conflicts and environmental impacts such as the Indo-Bangladesh conflict over sharing of trans-boundary water. This book addresses the topic from a highly interdisciplinary perspective covering areas of geography, geology, environment, history, archaeology, sociology and politics of the Bengal region. The book appeals to a wide range of audiences from India, Bangladesh and the international community. The style of presentation makes it easily suitable for students, researchers and interested laymen.

The Dynamics of Adivasi Rural Life in India

Practice, Policy, and Research Across Countries and Regions

Well-being, Sustainability and Social Development

Spatial Economics and Competitiveness

Why You Have Too Many Friends on Facebook, Why Your

Memory Is Mostly Fiction, and 46 Other Ways You're Deluding

Yourself

Simplified Process Risk Assessment

An English Translation of the Optics

Traditional food and bioprocessing technologies are facing challenges due to high expectation the consumers and producers for better quality and safety, higher process efficiency, and pro with novel properties or functionalities. For this reason, in the last few years new forms of pl energies have been explored to propose alternatives to traditional processing technologies. Ac energy has the potential to replace or partially substitute conventional processes, and at the offer unique opportunities in the characterization of foods and biomaterials. This book is a res for experts and newcomers in the field of power ultrasound, gives insights into the physical p of this technology, details the latest advancements, and links them to current and potential applications in the food and bioprocessing related industries.

Since the 1990s, new economic geography has received a lot of attention as mainstream econ such as Krugman and others began to focus on where economic activity occurs and why.

Coincidentally, international trade, location theory, and urban economics all appear to be asking same question: where is economic activity located and why? The challenge is to explain the ec concentration or agglomeration of a large number of activities in certain geographical space. T volume breaks down the various types of cities and evaluates the key factors used to look at such as innovation, green growth, spatial concentration, and smart cities in order to understa cities work. Why is it that certain cities attract talent? How do some cities become business Why is it that few cities become increasingly competitive while others remain stagnant? As development specialists are increasingly focusing on how to make cities competitive, this book serve as a guide for providing key insights, backed by cases on how cities can possibly become competitive and productive.

The Making of a Village examines the social and cultural life of indigenous peoples in India. It unfolds intimate aspects of Adivasi history such as the birth of a village, its demographic form forging of social relations, in and out-migration, and the dialectics of village as a socio-physical during pre-colonial and colonial periods. Drawing on oral, archival and empirical data from east

India, it highlights the interconnected themes of inflection of identity; the change of the Adivasi from historic agents to colonial subjects and their arcadia to a servile landscape; and the indigeneity of village community, indigeneity, migration, governance, colonialism, agency, subjecthood, rural change, environment and ecology. Redefining the study of rural sociology in South Asia, this volume will be of great interest to scholars and researchers of modern Indian history, politics, development studies, sociology, social and cultural anthropology, Adivasi and indigenous studies, and South Asian studies.

Vietnam opened its economy to foreign investors in the late 1980s under the Doi Moi policy of renovation and economic reforms, and quickly managed to attract significant inflows of foreign investment (FDI). As a result, foreign investors have been a major force in the economic transformation of Vietnam during the past two decades and in its integration into the world economy. To exploit its potential fully, this review highlights a number of areas where Vietnam could focus attention for further reforms, including ensuring that the economy has the skills it needs as it uses foreign workers where necessary. Measures to separate the State's ownership and regulatory functions clearly are also proposed, together with a rationalization and simplification of fiscal incentives on corporate taxes. It also suggests certain FDI entry restrictions be lifted and the regulatory stance be changed from "steer and control" to "regulate, monitor and enforce". On the basis of an analysis of the electricity sector, it also proposes a number of measures to enable Vietnam to attract FDI in power generation.--Résumé de l'éditeur.

Viet Nam

Introduction to Soliton Theory: Applications to Mechanics

National Halothane Study

The Rule of Three

Superradiance

Patterns of Internationalization for Developing Country Enterprises

Rivers of the Ganga-Brahmaputra-Meghna Delta

Business to business markets are considerably more challenging than consumer markets and as such demand a more specific skillset from marketers. Buyers, with a responsibility to their company and specialist product knowledge, are more demanding than the average consumer. Given that the products themselves may be highly complex, this often requires a sophisticated buyer to understand them. Increasingly, B2B relationships are conducted within a global context. However all textbooks are region-specific despite this growing move towards global business relationships – except this one. This textbook takes a global viewpoint, with the help of an international author team and cases from across the globe. Other unique features of this insightful study include: placement of B2B in a strategic marketing setting; full discussion of strategy in a global setting including hypercompetition; full chapter on ethics and CSR early in the text; and detailed review of global B2B services marketing, trade shows, and market research. This new edition has been fully revised and updated with a full set of brand new case studies and features expanded sections on digital issues, CRM, and social media as well as personal selling. More selective, shorter, and easier to read than other B2B textbooks, this is ideal for introduction to B2B and shorter courses. Yet, it is comprehensive enough to cover all the aspects of B2B marketing any marketer needs, be they students or practitioners looking to improve their knowledge.

An Empirical Research Perspective

Business to Business Marketing Management

Essays on Cultural Resistance, Subversion, and Diversion

Ptolemy's Theory of Visual Perception

An Introduction to Relativity

(alliances and Joint Ventures).

The Making of a Village