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### **BACKPACKER**

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Backpacker brings the outdoors straight to the reader's doorstep, inspiring and enabling them to go more places and enjoy nature more often. The authority on active adventure, Backpacker is the world's first GPS-enabled magazine, and the only magazine whose editors personally test the hiking trails, camping gear, and survival tips they publish. Backpacker's Editors' Choice Awards, an industry honor recognizing design, feature and product innovation, has become the gold standard against which all other outdoor-industry awards are measured.

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### **ULTRAVIOLET DISINFECTION GUIDANCE MANUAL**

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*DIANE Publishing*

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### **THE TURBINE PILOT'S FLIGHT MANUAL**

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Extensive animation and clear narration highlight this first-of-its-kind CD-ROM. It shows all major systems of jet and turboprop aircraft and how they work. Ideal for self-instruction, classroom instruction or just the curious at heart.

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### **THE ORGANOMETALLIC CHEMISTRY OF THE TRANSITION METALS**

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*John Wiley & Sons* Fully updated and expanded to reflect recent advances, this Fourth Edition of the classic text provides students and professional chemists with an excellent introduction to the principles and general properties of organometallic compounds, as well as including practical information on reaction mechanisms and detailed descriptions of contemporary applications.

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### **SUSTAINABLE ENERGY--WITHOUT THE HOT AIR**

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*Uit Cambridge Limited* Provides an overview of the sustainable energy crisis that is threatening the world's natural resources, explaining how energy consumption is estimated and how those numbers have been skewed by various factors and discussing alternate forms of energy that can and should be used.

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### **DIGITAL ENTREPRENEURSHIP**

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### **IMPACT ON BUSINESS AND SOCIETY**

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*Springer Nature* This open access book explores the global challenges and experiences related to digital entrepreneurial activities, using carefully selected examples from leading companies and economies that shape world business today and tomorrow. Digital entrepreneurship and the companies steering it have an enormous global impact; they promise to transform the business world and change the way we communicate with each other. These companies use digitalization and artificial intelligence to enhance the quality of decisions and augment their business and customer operations. This book demonstrates how cloud services are continuing to evolve; how cryptocurrencies are traded in the banking industry; how platforms are created to commercialize business, and how, taken together, these developments provide new opportunities in the digitalized era. Further, it discusses a wide range of digital factors changing the way businesses operate, including artificial intelligence,

chatbots, voice search, augmented and virtual reality, as well as cyber threats and data privacy management. "Digitalization mirrors the Industrial Revolution's impact. This book provides a complement of perspectives on the opportunities emanating from such a deep seated change in our economy. It is a comprehensive collection of thought leadership mapped into a very useful framework. Scholars, digital entrepreneurs and practitioners will benefit from this timely work." Gina O'Connor, Professor of Innovation Management at Babson College, USA "This book defines and delineates the requirements for companies to enable their businesses to succeed in a post-COVID19 world. This book deftly examines how to accomplish and achieve digital entrepreneurship by leveraging cloud computing, AI, IoT and other critical technologies. This is truly a unique "must-read" book because it goes beyond theory and provides practical examples." Charlie Isaacs, CTO of Customer Connection at Salesforce.com, USA "This book provides digital entrepreneurs useful guidance identifying, validating and building their venture. The international authors developed new perspectives on digital entrepreneurship that can support to create impact ventures." Felix Staeritz, CEO FoundersLane, Member of the World Economic Forum Digital Leaders Board and bestselling author of FightBack, Germany

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### **BASIC METHODS OF POLICY ANALYSIS AND PLANNING -- PEARSON ETEXT**

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*Routledge* Updated in its 3rd edition, *Basic Methods of Policy Analysis and Planning* presents quickly applied methods for analyzing and resolving planning and policy issues at state, regional, and urban levels. Divided into two parts, *Methods* which presents quick methods in nine chapters and is organized around the steps in the policy analysis process, and *Cases* which presents seven policy cases, ranging in degree of complexity, the text provides readers with the resources they need for effective policy planning and analysis. Quantitative and qualitative methods are systematically combined to address policy dilemmas and urban planning problems. Readers and analysts utilizing this text gain comprehensive skills and background needed to impact public policy.

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### **HANDBOOK OF GEOTECHNICAL INVESTIGATION AND DESIGN TABLES**

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*CRC Press* This practical handbook of properties for soils and rock contains, in a concise tabular format, the key issues relevant to geotechnical investigations, assessments and designs in common practice. In addition, there are brief notes on the application of the tables. These data tables are compiled for experienced geotechnical professionals who require a reference document to access key information. There is an extensive database of correlations for different applications. The book should provide a useful bridge between soil and rock mechanics theory and its application to practical engineering solutions. The initial chapters deal with the planning of the geotechnical investigation, the classification of the soil and rock properties and some of the more used testing is then covered. Later chapters show the reliability and correlations that are used to convert that data in the interpretative and assessment phase of the project. The final chapters apply some of these concepts to geotechnical design. This book is intended primarily for practicing geotechnical engineers working in investigation, assessment and design, but should provide a useful supplement for postgraduate courses.

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### **OCCUPATIONAL NOISE EXPOSURE**

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#### **CRITERIA FOR A RECOMMENDED STANDARD**

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*Createspace Independent Publishing Platform* In the Occupational Safety and Health Act of 1970, Congress declared that its purpose was to assure, so far as possible, safe and healthful working conditions for every working man and woman and to preserve our human resources. In this Act, the National Institute for Occupational Safety and Health (NIOSH) is charged with recommending occupational safety and health standards and describing exposure concentrations that are safe for various periods of employment-including but not limited to concentrations at which no worker will suffer diminished health, functional capacity, or life expectancy as a result of his or her work experience. By means of criteria documents, NIOSH communicates these recommended standards to regulatory agencies (including the Occupational Safety and Health Administration [OSHA]) and to others in the occupational safety and health community. Criteria documents provide the scientific basis for new occupational safety and health standards. These documents generally contain a critical review of the scientific and technical information available on the prevalence of hazards, the existence of safety and health risks, and the adequacy of control methods. In addition to transmitting these documents to the Department of Labor, NIOSH also distributes them to health professionals in academic institutions, industry, organized labor, public interest groups, and other government agencies. In 1972, NIOSH published *Criteria for a Recommended Standard: Occupational Exposure to Noise*, which provided the basis for a recommended standard to reduce the risk of developing permanent hearing loss as a result of occupational noise exposure [NIOSH 1972]. NIOSH has now evaluated the latest scientific information and has revised some of its previous recommendations. The 1998 recommendations go beyond attempting to conserve hearing by focusing on preventing occupational noise-induced hearing loss (NIHL). This criteria document reevaluates and reaffirms the recommended exposure limit (REL) for occupational noise exposure established by the National Institute for Occupational Safety and Health (NIOSH) in 1972. The REL is 85 decibels, A-weighted, as an 8-hr time-weighted average (85 dBA as an 8-hr TWA). Exposures at or above this level are hazardous. By incorporating the 4000-Hz audiometric frequency into the definition of hearing impairment in the risk assessment, NIOSH has found an 8% excess risk of developing occupational noise-induced hearing loss (NIHL) during a 40-year lifetime exposure at the 85-dBA REL. NIOSH has also found that scientific evidence supports the use of a 3-dB exchange rate for the calculation of TWA exposures to noise. The recommendations in this document go beyond attempts to conserve hearing by focusing on prevention of occupational NIHL. For workers whose noise exposures equal or exceed 85 dBA, NIOSH recommends a hearing loss prevention program (HLPP) that includes exposure assessment, engineering and administrative controls, proper use of hearing protectors, audiometric evaluation, education and motivation, recordkeeping, and program audits and

evaluations. Audiometric evaluation is an important component of an HLPP. To provide early identification of workers with increasing hearing loss, NIOSH has revised the criterion for significant threshold shift to an increase of 15 dB in the hearing threshold level (HTL) at 500, 1000, 2000, 3000, 4000, or 6000 Hz in either ear, as determined by two consecutive tests. To permit timely intervention and prevent further hearing losses in workers whose HTLs have increased because of occupational noise exposure, NIOSH no longer recommends age correction on individual audiograms.

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## HEALING BACK PAIN

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## THE MIND-BODY CONNECTION

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*Grand Central Publishing* Dr. John E. Sarno's groundbreaking research on TMS (Tension Myoneural Syndrome) reveals how stress and other psychological factors can cause back pain-and how you can be pain free without drugs, exercise, or surgery. Dr. Sarno's program has helped thousands of patients find relief from chronic back conditions. In this New York Times bestseller, Dr. Sarno teaches you how to identify stress and other psychological factors that cause back pain and demonstrates how to heal yourself--without drugs, surgery or exercise. Find out: Why self-motivated and successful people are prone to Tension Myoneural Syndrome (TMS) How anxiety and repressed anger trigger muscle spasms How people condition themselves to accept back pain as inevitable With case histories and the results of in-depth mind-body research, Dr. Sarno reveals how you can recognize the emotional roots of your TMS and sever the connections between mental and physical pain...and start recovering from back pain today.

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## 1977 GAS MILEAGE GUIDE

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## THE WOMEN'S ARMY CORPS, 1945-1978

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Lulu.com

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## AN AGENDA FOR A GROWING EUROPE

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## THE SAPIR REPORT

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*Oxford University Press on Demand* This book is the report of a high-level group commissioned by the President of the European Commission to review the EU economic system and propose a blueprint for an economic system capable of delivering faster growth along with stability and cohesion. It assesses the EU's economic performance, and more.

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## POLITICAL CRISES, SOCIAL CONFLICT AND ECONOMIC DEVELOPMENT

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## THE POLITICAL ECONOMY OF THE ANDEAN REGION

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*Edward Elgar Publishing* Political Crises, Social Conflict and Economic Development is a rare attempt to undertake comparative political economy analysis of the Andean region and thus represents a welcome contribution. . . It is clearly written and will engage scholars interested in Latin America from a wide range of disciplines. Jonathan di John, *Journal of Agrarian Change* This collection of essays on the political economy of the Andean region goes to the heart of the struggle these smaller economies face in completing crucial reforms and achieving higher growth. Andrés Solimano has brought together the best and the brightest talent from each country, the result being the most compelling analysis ever of how enclave development and a historical dependence on primary exports renders these countries distinctly Andean. As the essays argue, the political solutions and economic remedies must address this phenomenon, rather than mimicking those strategies of the larger emerging market countries in the region. Carol Wise, *University of Southern California, US* The contributors to this authoritative volume analyze the impact of political crises and social conflict on economic performance in the Andean region of Latin America. The blend of theory and case studies is also relevant for understanding other complex societies in the developing world and transition economies. The book provides illuminating insights on how to understand, and survive, the complicated interactions between volatile politics, unstable democracies, violence, social inequality and uneven economic performance. Recent political economy theories are combined with valuable quantitative and qualitative information on presidential crises, breakdowns of democracy, constitutional reforms, quality of institutions, and social inequality and exclusion to understand actual country realities. Part I provides the conceptual framework and a regional perspective of the book. Part II contains five political economy country studies Bolivia, Colombia, Ecuador, Peru and Venezuela written by leading scholars in the field and former senior policymakers, including a former President. Together, the chapters highlight the detrimental effects of political instability and social conflict on economic growth and stability, as well as the feedback effects from poor economic performance on political instability and institutional fragility. The country studies warn that narrow economic reforms that do not pay adequate attention to politics, institutions and social structures are bound to fail in bringing lasting prosperity and stability to complex

societies. Examining new and rich information on episodes of political turmoil, military interventions, forced presidential resignations, constitutional reforms and social uprisings, this book will be required reading for all those interested in the interface of politics and economic development.

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## **WIRELESS COMMUNICATIONS**

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*John Wiley & Sons* "Professor Andreas F. Molisch, renowned researcher and educator, has put together the comprehensive book, *Wireless Communications*. The second edition, which includes a wealth of new material on important topics, ensures the role of the text as the key resource for every student, researcher, and practitioner in the field." —Professor Moe Win, MIT, USA *Wireless communications* has grown rapidly over the past decade from a niche market into one of the most important, fast moving industries. Fully updated to incorporate the latest research and developments, *Wireless Communications, Second Edition* provides an authoritative overview of the principles and applications of mobile communication technology. The author provides an in-depth analysis of current treatment of the area, addressing both the traditional elements, such as Rayleigh fading, BER in flat fading channels, and equalisation, and more recently emerging topics such as multi-user detection in CDMA systems, MIMO systems, and cognitive radio. The dominant wireless standards; including cellular, cordless and wireless LANs; are discussed. Topics featured include: wireless propagation channels, transceivers and signal processing, multiple access and advanced transceiver schemes, and standardised wireless systems. Combines mathematical descriptions with intuitive explanations of the physical facts, enabling readers to acquire a deep understanding of the subject. Includes new chapters on cognitive radio, cooperative communications and relaying, video coding, 3GPP Long Term Evolution, and WiMax; plus significant new sections on multi-user MIMO, 802.11n, and information theory. Companion website featuring: supplementary material on 'DECT', solutions manual and presentation slides for instructors, appendices, list of abbreviations and other useful resources.

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## **CROSS-LINGUISTIC CORPORA FOR THE STUDY OF TRANSLATIONS**

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### **INSIGHTS FROM THE LANGUAGE PAIR ENGLISH-GERMAN**

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*Walter de Gruyter* The book specifies a corpus architecture, including annotation and querying techniques, and its implementation. The corpus architecture is developed for empirical studies of translations, and beyond those for the study of texts which are inter-lingually comparable, particularly texts of similar registers. The compiled corpus, CroCo, is a resource for research and is, with some copyright restrictions, accessible to other research projects. Most of the research was undertaken as part of a DFG-Project into linguistic properties of translations. Fundamentally, this research project was a corpus-based investigation into the language pair English-German. The long-term goal is a contribution to the study of translation as a contact variety, and beyond this to language comparison and language contact more generally with the language pair English - German as our object languages. This goal implies a thorough interest in possible specific properties of translations, and beyond this in an empirical translation theory. The methodology developed is not restricted to the traditional exclusively system-based comparison of earlier days, where real-text excerpts or constructed examples are used as mere illustrations of assumptions and claims, but instead implements an empirical research strategy involving structured data (the sub-corpora and their relationships to each other, annotated and aligned on various theoretically motivated levels of representation), the formation of hypotheses and their operationalizations, statistics on the data, critical examinations of their significance, and interpretation against the background of system-based comparisons and other independent sources of explanation for the phenomena observed. Further applications of the resource developed in computational linguistics are outlined and evaluated.

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## **SOIL IMPROVEMENT AND GROUND MODIFICATION METHODS**

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*Butterworth-Heinemann* Written by an author with more than 25 years of field and academic experience, *Soil Improvement and Ground Modification Methods* explains ground improvement technologies for converting marginal soil into soil that will support all types of structures. Soil improvement is the alteration of any property of a soil to improve its engineering performance. Some sort of soil improvement must happen on every construction site. This combined with rapid urbanization and the industrial growth presents a huge dilemma to providing a solid structure at a competitive price. The perfect guide for new or practicing engineers, this reference covers projects involving soil stabilization and soil admixtures, including utilization of industrial waste and by-products, commercially available soil admixtures, conventional soil improvement techniques, and state-of-the-art testing methods. Conventional soil improvement techniques and state-of-the-art testing methods Methods for mitigating or removing the risk of liquefaction in the event of major vibrations Structural elements for stabilization of new or existing construction industrial waste/by-products, commercially available soil Innovative techniques for drainage, filtration, dewatering, stabilization of waste, and contaminant control and removal

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## **PARABLES FOR THE VIRTUAL**

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**MOVEMENT, AFFECT, SENSATION**

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*Duke University Press* Since its publication twenty years ago, Brian Massumi's pioneering *Parables for the Virtual* has become an essential text for interdisciplinary scholars across the humanities. Massumi views the body and media such as television, film, and the internet as cultural formations that operate on multiple registers of sensation. Renewing and assessing William James's radical empiricism and Henri Bergson's philosophy of perception through the filter of the postwar French philosophy of Deleuze, Guattari, and Foucault, Massumi links a cultural logic of variation to questions of movement, affect, and sensation. Replacing the traditional opposition of literal and figural with distinctions between stasis and motion and between actual and virtual, Massumi tackles related theoretical issues by applying them to cultural mediums as diverse as architecture, body art, the digital art of Stelarc, and Ronald Reagan's acting career. The result is an intriguing combination of cultural theory, science, and philosophy that asserts itself in a crystalline and multifaceted argument. This twentieth anniversary edition includes a new preface in which Massumi situates the book in relation to developments since its publication and outlines the evolution of its main concepts. It also includes two short texts, "Keywords for Affect" and "Missed Conceptions about Affect," in which Massumi explicates his approach to affect in ways that emphasize the book's political and philosophical stakes.

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**LEARNING THE ART OF ELECTRONICS**

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**A HANDS-ON LAB COURSE**

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*Cambridge University Press* This introduction to circuit design is unusual in several respects. First, it offers not just explanations, but a full course. Each of the twenty-five sessions begins with a discussion of a particular sort of circuit followed by the chance to try it out and see how it actually behaves. Accordingly, students understand the circuit's operation in a way that is deeper and much more satisfying than the manipulation of formulas. Second, it describes circuits that more traditional engineering introductions would postpone: on the third day, we build a radio receiver; on the fifth day, we build an operational amplifier from an array of transistors. The digital half of the course centers on applying microcontrollers, but gives exposure to Verilog, a powerful Hardware Description Language. Third, it proceeds at a rapid pace but requires no prior knowledge of electronics. Students gain intuitive understanding through immersion in good circuit design.

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**UNDERSTANDING POPULAR MUSIC CULTURE**

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*Routledge* This extensively revised and expanded fifth edition of *Understanding Popular Music Culture* provides an accessible and comprehensive introduction to the production, distribution, consumption and meaning of popular music, and the debates that surround popular culture and popular music. Reflecting the continued proliferation of popular music studies, the new music industry in a digital age, and the emergence of new stars, this new edition has been reorganized and extensively updated throughout, making for a more coherent and sequenced coverage of the field. These updates include: two new chapters entitled 'The Real Thing': Authenticity, covers and the canon and 'Time Will Pass You By': Histories and popular memory new case studies on artists including The Rolling Stones, Lorde, One Direction and Taylor Swift further examples of musical texts, genres, and performers throughout including additional coverage of Electronic Dance Music expanded coverage on the importance of the back catalogue and the box set; reality television and the music biopic greater attention to the role and impact of the internet and digital developments in relation to production, dissemination, mediation and consumption; including the role of social network sites and streaming services each chapter now has its own set of expanded references to facilitate further investigation. Additional resources for students and teachers can also be found on the companion website ([www.routledge.com/cw/shuker](http://www.routledge.com/cw/shuker)), which includes additional case studies, links to relevant websites and a discography of popular music metagenres.

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**GAS MILEAGE GUIDE**

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**CHAPMAN PILOTING & SEAMANSHIP**

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*Sterling Publishing Company, Inc.* An updated reference for power and sail boaters surveys the latest developments in safety systems, marine electronics, radar, and communications, and federal laws and regulations, and includes information on tides, currents, weather, and navigation.

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**PROBLEMS OF BIRTH DEFECTS**

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**FROM HIPPOCRATES TO THALIDOMIDE AND AFTER**

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*Springer Science & Business Media* Surprisingly, the beginning of a modern approach This collection of articles and commentaries is an to the problems of birth defects is relatively recent integration of

information from many disciplines, and dates from Gregg's classical report in 1941 that and presents a comprehensive survey of both recent mothers who contracted rubella during the first tri and previously reported work related to the major mester of pregnancy gave birth to infants with severe aspects of birth defects. In particular, an attempt multiple anomalies. For the first time, an environ has been made to provide a critical assessment of mental agent was found to be teratogenic in man current concepts and to identify areas in need of and was documented in a thoroughly convincing further investigation. manner. Since then, many important discoveries The scope of this volume and space limitations and significant developments have been made, par precluded discussion of and reference to all papers ticularly in the areas of environmental teratogenesis, of relevance or importance: a work of the present hereditary mechanisms, and prenatal diagnosis. nature must necessarily be selective. Some good In recent years, there has been an impressive papers have been left out or given relatively little surge of interest in the causes and prevention of consideration. It is my hope that the list of Further birth defects. Undoubtedly this resulted not only References will be consulted and should compensate from the thalidomide tragedy, but also from the for this lack of completeness.

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## **HANDBOOK OF QUANTITATIVE SCIENCE AND TECHNOLOGY RESEARCH**

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### **THE USE OF PUBLICATION AND PATENT STATISTICS IN STUDIES OF S&T SYSTEMS**

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*Springer* This handbook offers a state-of-the-art overview of quantitative science and technology research. It focuses on the development and application of indicators derived from data on scientific or scholarly publications and patents. It comprises 34 chapters written by leading specialists in the various sub-domains. These chapters deal with theoretical and methodological issues, illustrate applications, and highlight their policy context and relevance. Authors present a survey of the research topics they address, and show their most recent achievements. The 34 chapters are arranged into 5 parts: Disciplinary Approaches; General Methodology; The Science System; The Technology System; and The Science-Technology Interface. The Editor's Introduction provides a further specification of the handbook's scope and of the main topics addressed in its chapters. This handbook aims at four distinct groups of readers: - practitioners in the field of science and technology studies; - research students in this field; - scientists, scholars and technicians who are interested in a systematic, thorough analysis of their activities; - policy makers and administrators who wish to be informed about the potentialities and limitations of the various approaches and about their results.

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### **MARINER 2-220 HP OB 1976-1989**

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*Haynes Manuals N. America, Incorporated* Mariner 2-cylinder inline, Mariner 3-cylinder inline, Mariner 4-cylinder inline, Mariner 6-cylinder inline, Mariner V6

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### **WORLD TRADE STATISTICAL REVIEW 2018**

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*International Trade Statistics* A comprehensive overview of the latest developments in world trade, covering the details of merchandise trade by product and trade in commercial services

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### **GLOBAL VALUE CHAINS IN A CHANGING WORLD**

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A collection of papers by some of the world's leading specialists on global value chains (GVCs). It examines how GVCs have evolved and the challenges they face in a rapidly changing world. The approach is multi-disciplinary, with contributions from economists, political scientists, supply chain management specialists, practitioners and policy-makers. Co-published with the Fung Global Institute and the Temasek

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### **EQUITY VALUATION**

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### **MODELS FROM LEADING INVESTMENT BANKS**

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*John Wiley & Sons* Equity Valuation: Models from the Leading Investment Banks is a clear and reader-friendly guide to how today's leading investment banks analyze firms. Editors Jan Viebig and Thorsten Poddig bring together expertise from UBS, Morgan Stanley, DWS Investment GmbH and Credit Suisse, providing a unique analysis of leading equity valuation models, from the very individuals who use them. Filled with real world insights, practical examples and theoretical approaches, the book will examine the strengths and weaknesses of some of the leading valuation approaches, helping readers understand how analysts: · estimate cash flows · calculate discount rates · adjust for accounting distortions · take uncertainty into consideration Written for investment professionals, corporate managers and anyone interested in developing their understanding of this key area, Equity Valuation: Models from the Leading Investment Banks will arm readers with the latest thinking and depth of knowledge necessary to make the right decisions in their valuation methodologies.

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## **FOUNDATION ANALYSIS AND DESIGN**

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The revision of this best-selling text for a junior/senior course in Foundation Analysis and Design now includes an IBM computer disk containing 16 compiled programs together with the data sets used to produce the output sheets, as well as new material on sloping ground, pile and pile group analysis, and procedures for an improved analysis of lateral piles. Bearing capacity analysis has been substantially revised for footings with horizontal as well as vertical loads. Footing design for overturning now incorporates the use of the same uniform linear pressure concept used in ascertaining the bearing capacity. Increased emphasis is placed on geotextiles for retaining walls and soil nailing.

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## **TRADE PATTERNS AND GLOBAL VALUE CHAINS IN EAST ASIA**

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### **FROM TRADE IN GOODS TO TRADE IN TASKS**

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### **PROCEEDINGS OF AICCE'19**

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## **TRANSFORMING THE NATION FOR A SUSTAINABLE TOMORROW**

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*Springer Nature* This book gathers the latest research, innovations, and applications in the field of civil engineering, as presented by leading national and international academics, researchers, engineers, and postgraduate students at the AWAM International Conference on Civil Engineering 2019 (AICCE'19), held in Penang, Malaysia on August 21-22, 2019. The book covers highly diverse topics in the main fields of civil engineering, including structural and earthquake engineering, environmental engineering, geotechnical engineering, highway and transportation engineering, water resources engineering, and geomatic and construction management. In line with the conference theme, "Transforming the Nation for a Sustainable Tomorrow", which relates to the United Nations' 17 Global Goals for Sustainable Development, it highlights important elements in the planning and development stages to establish design standards beneficial to the environment and its surroundings. The contributions introduce numerous exciting ideas that spur novel research directions and foster multidisciplinary collaborations between various specialists in the field of civil engineering.

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## **GLOBAL VALUE CHAINS DEVELOPMENT REPORT**

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Global value chains (GVCs) break up the production process so that different steps can be carried out in different countries. Many smart phones and televisions, for example, are designed in the United States or Japan. They have sophisticated inputs, such as semiconductors and processors, which are produced in Korea or Taiwan Province of China. And they are assembled in China. They are then marketed and receive after-sale servicing in Europe and the United States. These complex global production arrangements have transformed the nature of trade. But their complexity has also created difficulties in understanding trade and in formulating policies that allow firms and governments to capitalize on GVCs and to mitigate negative side effects. This publication provides a detailed map of GVCs, enabling policymakers to have a better understanding of the ongoing development and evolution of GVCs and the relationship between economic development and GVC participation. Copublished with the World Bank, OECD, IDE-JETRO, and the Research Center for Global Value Chain Research. The joint research undertaken by these organizations aims to synthesize the parties' knowledge and expertise on GVC studies and to contribute to better policymaking by the international community.

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## **THE STATE OF PEACEBUILDING IN AFRICA**

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### **LESSONS LEARNED FOR POLICYMAKERS AND PRACTITIONERS**

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*Springer Nature* This open access book on the state of peacebuilding in Africa brings together the work of distinguished scholars, practitioners, and decision makers to reflect on key experiences and lessons learned in peacebuilding in Africa over the past half century. The core themes addressed by the contributors include conflict prevention, mediation, and management; post-conflict reconstruction, justice and Disarmament Demobilization and Reintegration; the role of women, religion, humanitarianism, grassroots organizations, and early warning systems; and the impact of global, regional, and continental bodies. The book's thematic chapters are complemented by six country/region case studies: The Democratic Republic of Congo, Rwanda, Sierra Leone, Sudan/South Sudan, Mozambique and the Sahel/Mali. Each chapter concludes with a set of key lessons learned that could be used to inform the building of a more sustainable peace in Africa. The State of Peacebuilding in Africa was born out of the activities of the Southern Voices Network for Peacebuilding (SVNP), a Carnegie-funded, continent-wide network of African organizations that works with the Wilson Center to bring African knowledge and perspectives to U.S., African, and international policy on peacebuilding in Africa. The research for this book was made possible by a grant from Carnegie Corporation of New York.

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## **GSM AND PERSONAL COMMUNICATIONS HANDBOOK**

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*Artech House on Demand* The most comprehensive reference available on GSM applications and services, this new title is intended to build on the basic technical information in the authors' original bestseller, *An Introduction to GSM* (Artech House, 1995). The book provides a close-up look at this hot technology, offers in-depth discussions of the features and services available through GSM, and includes new and more in-depth coverage of applications and implementations of the GSM standard. It also explains how GSM has succeeded in becoming the major digital wireless standard - and addresses both past and future standardization, regulation, and development issues.

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## **EDUCATION FOR RURAL DEVELOPMENT**

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### **TOWARDS NEW POLICY RESPONSES**

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*UNESCO* An international joint study by the Food and Agriculture Organization of the United Nations (FAO) and UNESCO's International Institute for Educational Planning (IIEP) was conducted on education and rural development to review the status of the topic from the standpoint of public policies and the conceptual frameworks on which they are based and also to shed light on what may be called "good practice." The findings of the study are meant to serve not as models, but rather as points of reference for all those who are seeking ways of developing education in rural areas and contributing more effectively to rural development. Chapter I, "Education and Rural Development: Setting the Framework" (David Atchoarena and Charlotte Sedel), provides a contextual and theoretical introduction to the new rural development and poverty reduction thinking, as well as a discussion on the contribution of education to rural development. In Chapter II, "Basic Education in Rural Areas: Status, Issues and Prospects" (Michael Lakin with Lavinia Gasperini), the book reviews in depth the provision of basic education in rural areas and offers some policy directions for improvement. Further exploring a particular dimension of basic education, Chapter III, "Making Learning Relevant: Principles and Evidence from Recent Experiences" (Peter Taylor, Daniel Desmond, James Grieshop and Aarti Subramaniam), devotes specific attention to strategies linking the formal school teaching with students' life environment, including agriculture, and to garden-based learning. The intention is to provide updated information and new insights on much-debated aspects which are often associated with rural areas although their application is much broader. Chapter IV, "Strategies and Institutions for Promoting Skills for Rural Development" (David Atchoarena, Ian Wallace, Kate Green, and Candido Alberto Gomes), shifts the analysis from education to work and discusses the implications of the transformation of rural labor markets for skill development. A particular concern is the rise in rural non-farm employment and the need to enlarge the policy focus from agricultural education and training to technical and vocational education for rural development. This debate is taken further in Chapter V, "Higher Education and Rural Development: A New Perspective" (Charles Maguire and David Atchoarena), which considers higher level skills and the contribution of the tertiary education sector to rural development. Special attention is given to the reform of higher agricultural institutions and lessons based on case studies are provided to document good practice in institutional reform. Finally, Chapter VI, "Main Findings and Implications for Policy and Donor Support" (David Atchoarena with Lavinia Gasperini, Michael Lakin and Charles Maguire), concentrates on the main findings of the study and discusses policy implications and possible responses for donors and countries. (Contains 28 tables, 14 figures, and 64 boxes.)

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## **WORLD TRADE STATISTICAL REVIEW 2020**

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*International Trade Statistics* A comprehensive overview of the latest developments in world trade, covering the details of merchandise trade by product and trade in commercial services

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## **GEOTECHNICAL SITE CHARACTERIZATION**

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### **PROCEEDINGS OF THE FIRST INTERNATIONAL CONFERENCE ON SITE CHARACTERIZATION, ISC'98, ATLANTA, GEORGIA, 19-22 APRIL 1998**

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*Taylor & Francis*

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## **THE WANKEL ENGINE: DESIGN, DEVELOPMENT, APPLICATIONS**

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## **WORLD TRADE STATISTICAL REVIEW 2021**

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The 2021 edition looks into the latest trends in global trade, with an in-depth analysis of trade in goods and services and in value-added terms. It points to the major changes in recent years, highlighting the leading traders, the best-performing regions, the most traded goods and services, and the performance of least-developed countries. The publication also looks into the impact of COVID-19 on global trade and the outlook for 2021. In an introduction to the publication, Director-General Roberto Azevêdo says: "The WTO plays a critical role in compiling and analysing trade data. While the ongoing pandemic represents a dramatic break with nearly all recent economic trends, the fact remains that patterns in global trade offer useful insights for what the future may hold." The report looks into the

shifting patterns in global trade across a range of sectors, pinpointing areas that have seen major changes in recent years. These include trade in renewable energy goods, such as solar panels and electric cars, and trade in plastics. It also focuses on the impact of trade tensions in sectors such as iron and steel and the effects of the COVID-19 pandemic in areas such as tourism. The report's analytical chapters are complemented by 65 tables providing a detailed breakdown of various aspects of merchandise trade and trade in commercial services. The merchandise trade data in the report was compiled in collaboration with the United Nations Conference on Trade and Development (UNCTAD) while commercial services data was jointly produced with UNCTAD and the International Trade Centre (ITC) in cooperation with the United Nations Statistics Division.

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## **APPLICATIONS OF ROBOTICS IN INDUSTRY USING ADVANCED MECHANISMS**

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### **PROCEEDINGS OF INTERNATIONAL CONFERENCE ON ROBOTICS AND ITS INDUSTRIAL APPLICATIONS 2019**

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*Springer* This book shares important findings on the application of robotics in industry using advanced mechanisms, including software and hardware. It presents a collection of recent trends and research on various advanced computing paradigms such as soft computing, robotics, smart automation, power control, and uncertainty analysis. The book constitutes the proceedings of the 1st International Conference on Application of Robotics in Industry using Advanced Mechanisms (ARIAM2019), which offered a platform for sharing original research findings, presenting innovative ideas and applications, and comparing notes on various aspects of robotics. The contributions highlight the latest research and industrial applications of robotics, and discuss approaches to improving the smooth functioning of industries. Moreover, they focus on designing solutions for complex engineering problems and designing system components or processes to meet specific needs, with due considerations for public health and safety, including cultural, societal, and environmental considerations. Taken together, they offer a valuable resource for researchers, scientists, engineers, professionals and students alike.