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RICHARDSON STEWART

Amateur Radio Guide to Digital Mobile Radio (DMR) McGill-Queen's Press - MQUP

How did the rich countries really become rich? In this provocative study, Ha-Joon Chang examines the great pressure on developing countries from the developed world to adopt certain 'good policies' and 'good institutions', seen today as necessary for economic development. His conclusions are compelling and disturbing: that developed countries are attempting to 'kick away the ladder' with which they have climbed to the top, thereby preventing developing countries from adopting policies and institutions that they themselves have used.

IITA Research 14/15 University of Toronto Press

Using philosophical analysis, this book explores the construction of gender in Muslim societies and its implication to the constitution of the self. The root of the existing discourse of the hierarchical principle is examined as is the extent to which the process of human reproduction, especially the role of women in conception, contributes to an anti-egalitarian theory of gender. The author analyzes the theological, cultural and political apparatus of the masculine conception of femininity and seeks to unfold the process of the alienation of the self from a woman's sense of individuality, agency, and autonomy. Incorporating traditional Islamic sources, Western feminist texts and Christian texts, *Gender and Self in Islam* seeks to restructure the contradictory claims of gender hierarchy and egalitarianism and elaborate an alternative set of interpretations that is friendly and inclusive of women.

Comprehensive Nanoscience and Technology Routledge

"General-equilibrium" refers to an analytical approach which looks at the economy as a complete system of inter-dependent components (industries, households, investors, governments, importers and exporters). "Applied" means

that the primary interest is in systems that can be used to provide quantitative analysis of economic policy problems in particular countries. Reflecting the authors' belief in the models as vehicles for practical policy analysis, a considerable amount of material on data and solution techniques as well as on theoretical structures has been included. The sequence of chapters follows what is seen as the historical development of the subject. The book is directed at graduate students and professional economists who may have an interest in constructing or applying general equilibrium models. The exercises and readings in the book provide a comprehensive introduction to applied general equilibrium modeling. To enable the reader to acquire hands-on experience with computer implementations of the models which are described in the book, a companion set of diskettes is available. *The Environment and Human History* John Wiley & Sons

This interesting book reviews WMAP's main results (2003) and discusses in detail how the accurate qualitative results for the OC ageOCO of the universe and the Hubble constant were anticipated in an article published five years before in *Acta Cosmologica*, Krakow. In the final chapter on OC Cosmic NumbersOCO, it is shown that, as a result of the coincidence at decoupling time between atom formation and matter/radiation equality, a reasonable cosmic justification for the mass ratio of protons and electrons is obtained.

29th European Symposium on Computer Aided Chemical Engineering McGill-Queen's Press - MQUP

This book constitutes the proceedings of the First International Workshop on Multimodal Retrieval in the Medical Domain, MRMD 2015, held in Vienna, Austria, on March 29, 2015. The workshop was held in connection with ECIR 2015. The 14 full papers presented, including one invited paper, a workshop overview and five papers on the VISCERAL Retrieval Benchmark, were carefully reviewed and selected from 18 submissions. The papers focus on the following topics: importance of data other than text for information retrieval; semantic data analysis;

scalability approaches towards big data sets.

Voices of an Anguished Scream IOS Press
Physics and astrophysics came to dark matter through many different routes, finally accepting it, but often with some distaste. It has been noticed that the existence of dark matter is yet another displacement of humans from the centre of the Universe: not only do our planet and our sun have no central position in the Universe, not only are humans just animals (although with a 'specialized' central nervous system), but even the material of which we are made is only a marginal component of the cosmic substance! If this is the right attitude to take, scientists feeling distaste for dark matter are much like Galileo Galilei's colleagues who refused to look through the telescope to watch the Medici planets. Nevertheless, astronomers, when required to take a ballot in favour of some cosmological model, often still vote for 'pure baryonic' with substantial majorities, although most cosmologists assume that a 'cold' component of dark matter plays a role in producing the world as we observe it. Among the many subjects covered by the book, particular emphasis was given to 1) summarizing the current status of the observations both of the distribution of the nearby galaxies and of the evolution of more distant galaxies; 2) advanced statistical techniques for quantifying structure in galaxy redshift and peculiar velocity surveys; 3) the art of cosmic inflation and models for dark matter candidates, and their implications for cosmic microwave background observations; 4) implications of cold dark matter variants for large scale structure, as worked out both by quasi-linear techniques and by fully nonlinear simulations; and 5) Eulerian and Lagrangian approximations for treating the nonlinear dynamics.

Explained Using R John Benjamins Publishing

o. Theoretical linguistics is a term not very often used in Soviet Linguistics. The terms 'structural linguistics', 'mathematical linguistics', 'applied linguistics' (which, incidentally, has another meaning here than in other parts of the world) all may

cover theoretical work in linguistics. In older days serious theoretical work was done under the heading 'machine translation'. Very often the need for a special term for theoretically oriented studies in linguistics does not even arise. Does this mean that there is no real theoretical linguistics in the Soviet Union? This would be, of course, a completely false conclusion. Some linguists tend to identify theoretical linguistics with generative grammar. Though it might be true - and I am myself very much inclined to subscribe to this view - that generative grammar has been the most fruitful linguistic theory up to now, this does not justify, however, the above identification. Incidentally, as we shall see later on, generative grammar has not been left unnoticed in the Soviet Union either. There are different trends within theoretical linguistics, one of which is generative grammar. While generative grammar (though one can worry about the content of this notion for many internal and external reasons) seems to be the main theoretical trend in the United States and in Western Europe, it represents only one of the main trends in Soviet linguistics.

Technologies, Deployment, and Management Springer Science & Business Media

Introduction to Product Design and Development for Engineers provides guidelines and best practices for the design, development, and evaluation of engineered products. Created to serve fourth year undergraduate students in Engineering Design modules with a required project, the text covers the entire product design process and product life-cycle, from the initial concept to the design and development stages, and through to product testing, design documentation, manufacturability, marketing, and sustainability. Reflecting the author's long career as a design engineer, this text will also serve as a practical guide for students working on their capstone design projects.

The Intelligible Universe John Wiley & Sons "From Cohen to Carson provides the first book-length analysis of one of Canada's most distinctive fields of literary production. Ian Rogers argues that Canadian poets have turned to the novel because of the limitations of the lyric, but have used lyric methods - puns, symbolism, repetition, juxtaposition - to create a mode of narrative that contrasts sharply with the descriptive conventions of realist and plot-driven novels." "Detailed case studies of novels by Leonard Cohen, Michael Ondaatje, George Bowering, Daphne Marlatt, and Anne Carson, as well

as sections on A. M. Klein and Anne Michaels, reveal how these authors framed their early novels according to formal precedents established in their poetry. In tracking the authors' shift from lyric to long poem to novel, Rae also investigates their experiments with non-literary art forms - photography, painting, and film. He argues convincingly that the authors discussed have combined disparate genres and media to alter notions of narrative coherence in the novel and engage the diverse but fragmented cultural histories of Canadian society." -- Résumé de l'éditeur.

An Overview John Wiley & Sons Romantic Poetry encompasses twenty-seven new essays by prominent scholars on the influences and interrelations among Romantic movements throughout Europe and the Americas. It provides an expansive overview of eighteenth- and nineteenth-century poetry in the European languages. The essays take account of interrelated currents in American, Argentinian, Brazilian, Bulgarian, Canadian, Caribbean, Chilean, Colombian, Croatian, Czech, Danish, English, Estonian, Finnish, French, German, Greek, Hungarian, Irish, Italian, Mexican, Norwegian, Peruvian, Polish, Romanian, Russian, Serbian, Slovak, Spanish, Swedish, and Uruguayan literature. Contributors adopt different models for comparative study: tracing a theme or motif through several literatures; developing innovative models of transnational influence; studying the role of Romantic poetry in socio-political developments; or focusing on an issue that appears most prominently in one national literature yet is illuminated by the international context. This collaborative volume provides an invaluable resource for students of comparative literature and Romanticism. **SPECIAL OFFER: 30% discount for a complete set order (5 vols.).** The Romanticism series in the Comparative History of Literatures in European Languages is the result of a remarkable international collaboration. The editorial team coordinated the efforts of over 100 experts from more than two dozen countries to produce five independently conceived, yet interrelated volumes that show not only how Romanticism developed and spread in its principal European homelands and throughout the New World, but also the ways in which the affected literatures in reaction to Romanticism have redefined themselves on into Modernism. A glance at the index of each volume quickly reveals the extraordinary richness of the series' total contents. Romantic Irony sets

the broader experimental parameters of comparison by concentrating on the myriad expressions of "irony" as one of the major impulses in the Romantic philosophical and artistic revolution, and by combining cross-cultural and interdisciplinary studies with special attention also to literatures in less widely diffused language streams. Romantic Drama traces creative innovations that deeply altered the understanding of genre at large, fed popular imagination through vehicles like the opera, and laid the foundations for a modernist theater of the absurd. Romantic Poetry demonstrates deep patterns and a sharing of crucial themes of the revolutionary age which underlie the lyrical expression that flourished in so many languages and environments. Nonfictional Romantic Prose assists us in coping with the vast array of writings from the personal and intimate sphere to modes of public discourse, including Romanticism's own self-commentary in theoretical statements on the arts, society, life, the sciences, and more. Nor are the discursive dimensions of imaginative literature neglected in the closing volume, Romantic Prose Fiction, where the basic Romantic themes and story types (the romance, novel, novella, short story, and other narrative forms) are considered throughout Europe and the New World. This enormous realm is seen not just in terms of Romantic theorizing, but in the light of the impact of Romantic ideas and narration on later generations. As an aid to readers, the introduction to Romantic Prose Fiction explains the relationships among the volumes in the series and carries a listing of their tables of contents in an appendix. No other series exists comparable to these volumes which treat the entirety of Romanticism as a cultural happening across the whole breadth of the "Old" and "New" Worlds and thus render a complex picture of European spiritual strivings in the late eighteenth and the nineteenth centuries, a heritage still very close to our age.

Data Mining Algorithms Real African Publishers South Africa and the Global Hydrogen Economy is the publication of a MISTRA research project on the use of strategic minerals in the global putative hydrogen economy. The book highlights the global significance of platinum group metals (PGM) and explores the strategic opportunities that arise out of South Africa's endowment of these strategic resources. From their extraction to their applications in fuel cells, what options are available for the country, the region and the world to better leverage this

endowment towards supporting growth and development objectives? In view of their expanding range of applications, do PGM need the hydrogen economy? Conversely, does the hydrogen economy need PGM? Addressed to all industry stakeholders, including those in the public and private sectors, the options explored in this book are based on a thorough analysis of the global dynamics that should inform policy and business models related to PGM.

The Intelligible Universe World Scientific

Places OSS software in the context of telecommunications as a business Gives a concrete understanding of what OSS is, what it does and how it does it, avoiding deep technical details Frequently relates OSS software to business drivers of telecom service providers

Nanomaterials John Wiley & Sons

EPD Congress is an annual collection of conference proceedings that addresses extraction and processing metallurgy. The papers in this book are drawn from symposia held at the 2014 Annual Meeting of The Minerals, Metals & Materials Society. The 2014 edition includes papers from the following four symposia: Fluidization Technologies for the Mineral, Materials, and Energy Industries General Recycling Materials Processing Fundamentals Recycling and Sustainability Update

Development Strategy in Historical Perspective Elsevier

At the beginning of the twenty-first century, environmental change is a pressing public issue across the globe. *Natures Past* seeks to lend some historical depth to current debates about man-made modifications of ecological processes and systems and also to explore the global dimensions of the dynamic relationships natural environments establish with people. The ten essays in *Natures Past* discuss the diverse approaches to environmental history, demonstrating that significant environmental change is not a modern invention and people have long been transforming their natural surroundings, often in unintended ways. *Natures Past* also shows that humans have not always had antagonistic relationships with nature but have also successfully found new, stable relationships with the natures they inhabit. The essays, comprised of contributions by anthropologists, foresters, historians, and literary scholars, discuss malaria-bearing mosquitoes, Maine lobster fishing, Bornean durian husbandry, and American lawn mowing, among other things, and suggest how ecology, culture, and market

interact to change the fate, and the value, of nature in each context. "An elegant collection of essays on environmental history by its finest scholars, demonstrating global, chronological, and interdisciplinary range."?J. Donald Hughes, John Evans Distinguished Professor, Department of History, University of Denver "With topics ranging from the metabolism of medieval cities to recent management trends in the Maine lobster industry, *Natures Past* is a collection of ten essays that expertly illustrates the cosmopolitan character, the interdisciplinary approaches, and the widely varying subject matter that characterize the subdiscipline of environmental history."?William H. TeBrake, Department of History, University of Maine Paolo Squatriti is Associate Professor of History and Romance Languages and Literatures at the University of Michigan. His previous books are: *Working with Water in Medieval Europe: Technology and Resource-Use and Water and Society in Early Medieval Italy AD 400-1000*.

Capturing the Commons CRC Press From the Introduction: Nanotechnology and its underpinning sciences are progressing with unprecedented rapidity. With technical advances in a variety of nanoscale fabrication and manipulation technologies, the whole topical area is maturing into a vibrant field that is generating new scientific research and a burgeoning range of commercial applications, with an annual market already at the trillion dollar threshold. The means of fabricating and controlling matter on the nanoscale afford striking and unprecedented opportunities to exploit a variety of exotic phenomena such as quantum, nanophotonic and nanoelectromechanical effects. Moreover, researchers are elucidating new perspectives on the electronic and optical properties of matter because of the way that nanoscale materials bridge the disparate theories describing molecules and bulk matter. Surface phenomena also gain a greatly increased significance; even the well-known link between chemical reactivity and surface-to-volume ratio becomes a major determinant of physical properties, when it operates over nanoscale dimensions. Against this background, this comprehensive work is designed to address the need for a dynamic, authoritative and readily accessible source of information, capturing the full breadth of the subject. Its six volumes, covering a broad spectrum of disciplines including material sciences, chemistry, physics and life sciences, have

been written and edited by an outstanding team of international experts. Addressing an extensive, cross-disciplinary audience, each chapter aims to cover key developments in a scholarly, readable and critical style, providing an indispensable first point of entry to the literature for scientists and technologists from interdisciplinary fields. The work focuses on the major classes of nanomaterials in terms of their synthesis, structure and applications, reviewing nanomaterials and their respective technologies in well-structured and comprehensive articles with extensive cross-references. It has been a constant surprise and delight to have found, amongst the rapidly escalating number who work in nanoscience and technology, so many highly esteemed authors willing to contribute. Sharing our anticipation of a major addition to the literature, they have also captured the excitement of the field itself in each carefully crafted chapter. Along with our painstaking and meticulous volume editors, full credit for the success of this enterprise must go to these individuals, together with our thanks for (largely) adhering to the given deadlines. Lastly, we record our sincere thanks and appreciation for the skills and professionalism of the numerous Elsevier staff who have been involved in this project, notably Fiona Geraghty, Megan Palmer and Greg Harris, and especially Donna De Weerd-Wilson who has steered it through from its inception. We have greatly enjoyed working with them all, as we have with each other.

Varenna on Lake Como, Villa Monastero, 25 July-4 August 1995 University Press of New England

Advances in Research on the Strength and Fracture of Materials: Volume 1s—An Overview contains the proceedings of the Fourth International Conference on Fracture held at the University of Waterloo, Canada, in June 1977. The papers review the state of the art with respect to fracture in a wide range of materials such as metals and alloys, polymers, ceramics, and composites. This volume is comprised of 40 chapters and opens with a discussion on progress in the development of elementary fracture mechanism maps and their application to metal deformation processes, along with micro-mechanisms of fracture and the fracture toughness of engineering alloys. The next section is devoted to the fracture of large-scale structures such as steel structures, aircraft, cargo containment systems, nuclear reactors, and pressure vessels. Fracture at high temperatures and in sensitive environments is then explored,

paying particular attention to creep failure by cavitation under non-steady conditions; the effects of hydrogen and impurities on brittle fracture in steel; and mechanism of embrittlement and brittle fracture in liquid metal environments. The remaining chapters consider the fracture of non-metallic materials as well as developments and concepts in the application of fracture mechanics. This book will be of interest to metallurgists, materials scientists, and structural and mechanical engineers.

Journal of Entomological Research John Wiley & Sons

Your how-to guide to become a ham Ham radio, or amateur radio, is a way to talk with people around the world in real-time, or to send email without any sort of internet connection. It provides a way to keep in touch with friends and family, whether they are across town or across the country. It is also a very important emergency communication system. When cell phones, landlines, the internet, and other systems are down or overloaded, Amateur Radio still gets the message through. Radio amateurs, often called "hams," enjoy radio technology as a hobby, but are often called upon to provide vital service when regular communications systems fail. Ham Radio For Dummies is your guide to everything there is to know about ham radio. Plus, this updated edition provides new and additional information on digital mode operating, as well as use of amateur radio in student science and new operating events.

- Set up your radio station
- Design your ham shack
- Provide support in emergencies and communicate with other hams
- Study for the licensing exam and choose your call sign

If you're looking to join a college radio club or just want to learn the latest tips and tricks, this book is a helpful reference guide to beginners, or those who have been "hams" for years.

Transformation of the 2nd Brigade, 25th Infantry Division (L) to a Stryker Brigade Combat Team in Hawai'i Walter de Gruyter GmbH & Co KG

"This book narrows down the scope of data

mining by adopting a heavily modeling-oriented perspective"--

Magnetic Nanoparticles in Human Health and Medicine John Wiley & Sons

A timely overview of a complete spectrum of technologies specifically designed for public safety communications as well as their deployment as management In our increasingly disaster-prone world, the need to upgrade and better coordinate our public safety networks combined with successful communications is more critical than ever. Fundamentals of Public Safety Networks and Critical Communications Systems fills a gap in the literature by providing a book that reviews a comprehensive set of technologies, from most popular to the most advanced communications technologies that can be applied to public safety networks and mission-critical communications systems. The book explores the technical and economic feasibility, design, application, and sustainable operation management of these vital networks and systems. Written by a noted expert in the field, the book provides extensive coverage of systems, services, end-user devices, and applications of public-safety services and technologies. The author explores the potential for advanced public safety systems, and this comprehensive text covers all aspects of the public safety and critical communications network field. This important book: Provides an introduction to and discussion of the common characteristics of our critical communications systems Presents a review of narrowband technologies such as Project 25, TETRA, and DMR as well as the broadband technologies such as the LTE technology Focuses on the emerging technologies that can be adopted to improve our vital communications systems Discusses deployment of such technologies, including economics and finance, planning and project management Provides, in detail, the issues and solutions related to the management of such communications networks Offers a complete list of standards documents Written for professionals in the industry,

academics, and government and regulatory agencies, Fundamentals of Public Safety Networks and Critical Communications Systems offers a review of the most significant safety technologies, explores the application for advanced technologies, and examines the most current research.

The Arab Diaspora Routledge

In the eighteenth and nineteenth centuries, Irish writers played a key role in transatlantic cultural conversations – among Canada, Britain, France, America, and Indigenous nations – that shaped Canadian nationalism. Nationalism in Ireland was likewise influenced by the literary works of Irish migrants and visitors to Canada. Canada to Ireland explores the poetry and prose of twelve Irish writers and nationalists in Canada between 1788 and 1900, including Thomas Moore, Adam Kidd, Lord Edward Fitzgerald, Thomas D'Arcy McGee, James McCarroll, Nicholas Flood Davin, and Isabella Valancy Crawford. Many of these writers were involved in Irish political causes, including those of the Patriots, the United Irish, Emancipation, Repeal, and Young Ireland, and their work explores the similar ways in which nationalists in Ireland and Indigenous and settler communities in Canada retained their cultural identities and sought autonomy from Britain. Initially writing for an audience in Ireland, they highlighted features of the landscape and culture that they regarded as distinctively Canadian and that were later invoked as powerful unifying symbols by Canadian nationalists. Michele Holmgren shows how these Irish writers and movements are essential to understanding the tenor of early Canadian literary nationalism and political debates concerning Confederation, imperial unity, and western expansion. Canada to Ireland convincingly demonstrates that Canadian cultural nationalism left its mark on both countries. Contemporary decolonization movements in Canada and current cultural exchanges between Ireland and Indigenous peoples make this a timely and relevant study.