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KEY=AND - HOLDEN CERVANTES

FEEDBACK SYSTEMS

Princeton University Press The essential introduction to the principles and applications of feedback systems—now fully revised and expanded This textbook covers the mathematics needed to model, analyze, and design feedback systems. Now more user-friendly than ever, this revised and expanded edition of Feedback Systems is a one-volume resource for students and researchers in mathematics and engineering. It has applications across a range of disciplines that utilize feedback in physical, biological, information, and economic systems. Karl Åström and Richard Murray use techniques from physics, computer science, and operations research to introduce control-oriented modeling. They begin with state space tools for analysis and design, including stability of solutions, Lyapunov functions, reachability, state feedback observability, and estimators. The matrix exponential plays a central role in the analysis of linear control systems, allowing a concise development of many of the key concepts for this class of models. Åström and Murray then develop and explain tools in the frequency domain, including transfer functions, Nyquist analysis, PID control, frequency domain design, and robustness. Features a new chapter on design principles and tools, illustrating the types of problems that can be solved using feedback Includes a new chapter on fundamental limits and new material on the Routh-Hurwitz criterion and root locus plots Provides exercises at the end of every chapter Comes with an electronic solutions manual An ideal textbook for undergraduate and graduate students Indispensable for researchers seeking a self-contained resource on control theory

CYPHERPUNKS

FREEDOM AND THE FUTURE OF THE INTERNET

The Internet has led to revolutions across the world but a crackdown is now in full swing. As whole societies move online, mass surveillance programs are being deployed globally. Our civilization has reached a crossroads. In one direction lies a future promoting "privacy for the weak and transparency for the powerful"; in the other is an internet that transfers power over entire populations to an unaccountable complex of spy agencies and their trans-national corporate allies. Cypherpunks are activists who advocate the mass use of strong cryptography as a way protecting our basic freedoms against this onslaught. Julian Assange, the editor-in-chief of an visionary behind Wikileaks, has been a leading voice in the cypherpunk movement since the 1990s. Now, in a timely and important new book, Assange brings together a group of rebel thinkers and activists from the front line of the battle for cyberspace to discuss whether the internet will emancipate or enslave all of us.--

BAD MEDICINE

DOCTORS DOING HARM SINCE HIPPOCRATES

Oxford University Press In this controversial new account of the history of medicine, David Wootton argues that, from the fifth century BC until the 1930s, doctors actually did more harm than good, and asks just how much harm they still do today.

LEADING THE STRATEGICALLY FOCUSED SCHOOL

SUCCESS AND SUSTAINABILITY

SAGE Publications Drawing upon Brent Davies's extensive experience in presenting nationally and internationally to school leaders, this book distils the collective wisdom from educationalists across the globe. Updated with new international examples and references and a significant new chapter on developing strategic talent in schools, the book has been described as a 'must read' for existing and aspiring school leaders. The book focuses on: " establishing processes for building whole school involvement " strategic approaches to build capacity in your school " building and sustaining strategic leadership throughout the school " developing strategic talent in schools " characteristics of strategically focused schools This book is an indispensable read for school leaders who want to focus on bringing sustainable improvement to their school. Dr Brent Davies is Professor of Leadership Development at the University of Hull.

3D PRINTING APPLICATIONS IN CARDIOVASCULAR MEDICINE

Academic Press 3D Printing Applications in Cardiovascular Medicine addresses the rapidly growing field of additive fabrication within the medical field, in particular, focusing on cardiovascular medicine. To date, 3D printing of hearts and vascular systems has been largely reserved to anatomic reconstruction with no additional functionalities. However, 3D printing allows for functional, physiologic and bio-engineering of products to enhance diagnosis and treatment of cardiovascular disease. This book contains the state-of-the-art

technologies and studies that demonstrate the utility of 3D printing for these purposes. Addresses the novel technology and cardiac and vascular application of 3D printing Features case studies and tips for applying 3D technology into clinical practice Includes an accompanying website that provides 3D examples from cardiovascular clinicians, imagers, computer science and engineering experts

IMS PERFORMANCE AND TUNING GUIDE

This IBM Redbooks publication provides IMS performance monitoring and tuning information. This book differs from previous IMS performance and tuning IBM Redbooks in that there is less emphasis on the internal workings of IMS and more information about why and how certain options can affect the performance of IMS. Most of the information in the previous book *IMS Version 7 Performance Monitoring and Tuning Update, SG24-6404*, is still valid, and in most cases, continues to be valid in any future versions of IMS. This book is not an update or rewrite but instead attempts to be more of a guide than a reference. As such, the team gathered experiences and data from actual production environments as well as from IBM benchmarks and solicited input from experts in as many areas as possible. You should be able to find valuable new information and perhaps validate things you might have questioned. Hardware and software characteristics are constantly changing, but hopefully the information that you find here provides a basis to help you react to change and to keep your IMS running efficiently. In this book, we introduce methods and tools for monitoring and tuning IMS systems, and in addition to IMS TM and DB system-wide performance considerations, we dedicate separate chapters for application considerations, IMS and DB2 interoperability, the Parallel Sysplex environment, and On Demand considerations.

WHAT FUTURE FOR THE BAKA?

INDIGENOUS PEOPLES' RIGHTS AND LIVELIHOOD OPPORTUNITIES IN SOUTH-EAST CAMEROON

International Work Group for Indegenous Aff The Baka of south-east Cameroon are a group of indigenous peoples facing an increasingly uncertain future as their traditional lands have been almost entirely taken away from them, mainly to be allocated to international logging and mining companies. As a result, many Baka communities have been forced to leave their traditional lands and nomadic lifestyles, and have gradually begun to settle near and along roadsides, only to find entirely new kinds of problems and challenges. There are still Baka choosing to remain in the forest, far from the modern world, but the time might come when they, too, are left with little option but to integrate into a society that finds it hard to respect them, or accept them as they are. The land dispossession and forced assimilation pose serious human rights challenges for the Baka. In addition, the Baka are facing other violations such as discrimination; lack of recognition, consultation, and representation; and a complete lack of influence on decisions which have a fundamental bearing on their future and survival as a people.

NONLINEAR PERRON-FROBENIUS THEORY

Cambridge University Press "Sometimes in mathematics an innocent-looking observation opens up a new road to a fertile field. A nice example of such an observation is due to Garrett Birkhoff [23] and Hans Samelson [187], who remarked that one can use Hilbert's (projective) metric and the contraction mapping principle to prove some of the theorems of Perron and Frobenius concerning eigenvectors and eigenvalues of nonnegative matrices. This idea has been pivotal for the development of nonlinear Perron-Frobenius theory"--

ESSENTIALS OF PHARMACOLOGY FOR ANESTHESIA, PAIN MEDICINE, AND CRITICAL CARE

Springer In anesthesiology, pain medicine, and critical care, practitioners at all levels need help to stay current with the continually evolving drug knowledge-base and trainees need tools to prepare for in-training and board exams that increasingly test their knowledge of pharmacology. This practical book is aimed at both readerships. It features a unique and practical chapter on the United States Food and Drug Administration (FDA) "black box" warnings that describe what safety precautions should be taken with commonly used drugs. The editors and contributors are pharmacology experts representing a cross-section of clinical specialties and institutions in the United States and include pharmacologists, pharmacists, as well as physicians.

DATATYPE-GENERIC PROGRAMMING

INTERNATIONAL SPRING SCHOOL, SSDGP 2006, NOTTINGHAM, UK, APRIL 24-27, 2006, REVISED LECTURES

Springer Science & Business Media A leitmotif in the evolution of programming paradigms has been the level and extent of parametrisation that is facilitated — the so-called genericity of the paradigm. The sorts of parameters that can be envisaged in a programming language range from simple values, like integers and floating-point numbers, through structured values, types and classes, to kinds (the type of types and/or classes). Datatype-generic programming is about parametrising programs by the structure of the data that they manipulate. To appreciate the importance of datatype genericity, one need look no further than the internet. The internet is a massive repository of structured data, but the structure is rarely exploited. For example, compression of data can be much more effective if its structure is known, but most compression algorithms regard the input data as simply a string of bits, and take no account of its internal organisation. Datatype-generic programming is about exploiting the structure of data when it is relevant and ignoring it when it is not. Programming languages most commonly used at the present time do not provide effective mechanisms for documenting and implementing datatype genericity. This volume is a contribution towards improving the state of the art. The emergence of datatype genericity can be traced back to the late 1980s.

CYBER CRIME INVESTIGATIONS

BRIDGING THE GAPS BETWEEN SECURITY PROFESSIONALS, LAW ENFORCEMENT, AND PROSECUTORS

Elsevier Written by a former NYPD cyber cop, this is the only book available that discusses the hard questions cyber crime

investigators are asking. The book begins with the chapter "What is Cyber Crime? This introductory chapter describes the most common challenges faced by cyber investigators today. The following chapters discuss the methodologies behind cyber investigations; and frequently encountered pitfalls. Issues relating to cyber crime definitions, the electronic crime scene, computer forensics, and preparing and presenting a cyber crime investigation in court will be examined. Not only will these topics be generally be discussed and explained for the novice, but the hard questions —the questions that have the power to divide this community— will also be examined in a comprehensive and thoughtful manner. This book will serve as a foundational text for the cyber crime community to begin to move past current difficulties into its next evolution. This book has been written by a retired NYPD cyber cop, who has worked many high-profile computer crime cases. Discusses the complex relationship between the public and private sector with regards to cyber crime. Provides essential information for IT security professionals and first responders on maintaining chain of evidence

THE WAY LIFE WORKS

THE SCIENCE LOVER'S ILLUSTRATED GUIDE TO HOW LIFE GROWS, DEVELOPS, REPRODUCES, AND GETS ALONG

Times Books An overview of biology outlines the sixteen key principles of life, the role of energy, the language of DNA, the theories of evolution, and the dynamics of growth

POLITICAL PARTIES

Simon and Schuster In this book Michels analyzes the tendencies that oppose the realization of democracy, and claims that these tendencies can be classified in three ways: dependence upon the nature of the individual; dependence upon the nature of the political structure; and dependence upon the nature of organization. This edition, described by Morris Janowitz as a "classic of modern social science" and by Melvin Tumin as "the beginning of a tradition", offers a landmark study in political science. Following its original publication in 1910, the study and analysis of political parties was established as a new branch of science. *Political Parties* continues to be a foundation work in the literature and is a necessary addition to the libraries of contemporary political scientists, sociologists, and historians. Copyright © Libri GmbH. All rights reserved.

THE TELEKOMMUNIST MANIFESTO

CONFRONTING GHOSTS

THAILAND'S SHAPELESS SOUTHERN INSURGENCY

In this Lowy Institute Paper, Joseph Chinyong Liow and Don Pathan examine the ongoing violence in the majority Muslim Malay provinces of Thailand's south. Through unprecedented fieldwork, the authors provide the deepest and most up-to-date analysis of the insurgency and problems the Thai Government faces in dealing with it.

CONSUMER CULTURE AND POSTMODERNISM

SAGE Implicit within claims that society itself is in some sense postmodern is an argument about the priority of consumption as a determinant of everyday life. In this view, mass media advertising and market dynamics lead to a constant search for new fashions, new styles, new sensations and experiences. Material goods are consumed as 'communicators'; they are valued as signifiers of taste and of lifestyle. This volume examines the viability of this portrait of contemporary society. Mike Featherstone explores the roots of consumer culture, how it is defined and differentiated and the extent to which it represents the arrival of a 'postmodern' world. He examines the theories of consumption and postmodernism among contemporary social theorists such

TALIBAN NARRATIVES

THE USE AND POWER OF STORIES IN THE AFGHANISTAN CONFLICT

Oxford University Press Why has the Taliban been so much more effective in presenting messages that resonate with the Afghan population than the United States, the Afghan government and their allies? This book, based on years of field research and the assessment of hundreds of original source materials, examines the information operations and related narratives of Afghan insurgents, especially the Afghan Taliban, and investigates how the Taliban has won the information war. Taliban messaging, wrapped in the narrative of jihad, is both to the point and in tune with its target audiences. On the other hand, the United States and its Kabul allies committed a basic messaging blunder, failing to present narratives that spoke to or, often, were even understood by their target audiences. Thomas Johnson systematically explains why the United States lost this "battle of the story" in Afghanistan, and argues that this defeat may have cost the US the entire war, despite its conventional and technological superiority.

CLINICAL GASTROINTESTINAL ENDOSCOPY

A COMPREHENSIVE ATLAS

Springer Science & Business Media Gastrointestinal endoscopy is the principal tool for the investigation and treatment of most diseases of the gastrointestinal tract. The *Atlas of Clinical Gastrointestinal Endoscopy* offers a comprehensive overview of the role of gastrointestinal endoscopy in diagnosis. The atlas contains an abundance of high-quality images of a wide range of diseases of the upper and lower gastrointestinal tract, accompanied by precise clinical descriptions. Normal findings and variants are also documented. Furthermore, many images obtained by means of advanced image-enhanced endoscopy, capsule endoscopy, device-assisted enteroscopy, and endoscopic ultrasound are included. This book will be an ideal reference for both specialists and trainees in gastroenterology. It will provide the reader with an invaluable store of knowledge and with the clear guidance required in order to

perform gastrointestinal endoscopy to best effect.

ECONOMICS AND SOCIAL DEMOCRACY

GUERRILLA DATA ANALYSIS USING MICROSOFT EXCEL

Tickling Keys, Inc. This book includes step-by-step examples and case studies that teach users the many power tricks for analyzing data in Excel. These are tips honed by Bill Jelen, "MrExcel," during his 10-year run as a financial analyst charged with taking mainframe data and turning it into useful information quickly. Topics include perfectly sorting with one click every time, matching lists of data, data consolidation, data subtotals, pivot tables, and much more.

REINVENTING PRONOUN GENDER

HANDBOOK FOR PRECLEARS

Handbook for Preclears follows L Ron Hubbards book *Self Analysis*. Both books contain easy to do methods of discovering your own mind, and increasing a persons ability to utilise considerably more of his mental potential. Discover why behaviour patterns become so solidly fixed; why habits seemingly cant be broken; how decisions long ago have more power over a person than his decisions today; and why a person keeps past negative experiences in the present.

PUSHING YOURSELF TO POWER

Bronze Bow Pub The author teaches his *Transformetrics (TM)* training system.

SYSTEMIC FINANCIAL CRISES

RESOLVING LARGE BANK INSOLVENCIES

World Scientific Bank failures, like illness and taxes, are almost a certainty at some time in the future. What is less certain is their cost to and adverse implications for macroeconomies. Past failures have frequently been resolved at very high cost to society. However, the cost could be reduced through having a well-developed, credible and widely publicized plan ready to put into action by policymakers. If no such plan is ready when a large bank approaches insolvency, political pressures are likely to influence the response of regulators. Minimizing immediate, short-run costs are likely to outweigh minimizing further out, longer-run and longer-lasting costs, even if these delayed costs promise to be substantially greater. Stated differently, today will win out over tomorrow and politics will trump economics. How best to prevent such unfavorable outcomes is the major theme of this volume. The articles presented review past insolvency resolutions, draw lessons from these resolutions, discuss impediments to efficient resolutions — including cross-country, cross-regulator, and institutional challenges — and recommend how to move forward. Contents: *Financial Stability — Protecting Solvency* *The Cost of Inefficient Resolution of Large Financial Institutions* *Key Policy Challenges in Financial Resolution: Cross-Border Issues* *Key Policy Challenges in Financial Institution Resolution: Additional Complexities* *Lessons from Case Studies of Large Insolvencies* *Planning for Efficient Resolution — Where to from Here?* Readership: Academics, professionals and policy-makers in the banking and finance field. Keywords: *Bank Failures; Large Bank; Insolvencies; Resolutions; Macroeconomies* Key Features: *Aims to bring the area to a wider audience and thus encourage a broader response to the problem* *The contributors are experts in their respective areas and express the experiences and views of a large number and variety of countries*

UNSOLVED PROBLEMS IN MATHEMATICAL SYSTEMS AND CONTROL THEORY

Princeton University Press This book provides clear presentations of more than sixty important unsolved problems in mathematical systems and control theory. Each of the problems included here is proposed by a leading expert and set forth in an accessible manner. Covering a wide range of areas, the book will be an ideal reference for anyone interested in the latest developments in the field, including specialists in applied mathematics, engineering, and computer science. The book consists of ten parts representing various problem areas, and each chapter sets forth a different problem presented by a researcher in the particular area and in the same way: description of the problem, motivation and history, available results, and bibliography. It aims not only to encourage work on the included problems but also to suggest new ones and generate fresh research. The reader will be able to submit solutions for possible inclusion on an online version of the book to be updated quarterly on the Princeton University Press website, and thus also be able to access solutions, updated information, and partial solutions as they are developed.

THE PLEASURE OF RESEARCH

*Delves into issues such as knowledge production, artistic thinking, medium-specificity, and context-responsiveness. How do these issues connect to the current state of art education and artistic research? A starting point for the publication is a series of curatorial projects by Henk Slager in various parts of the world: 'Flash Cube' (Leeum Seoul 2007), 'Trans Local Motion' (Shanghai Biennale 2008), 'Nameless Science' (Apexart New York 2009), 'As the Academy Turns' (Manifesta 2010), 'Any Medium Whatever' (Venice Biennale 2011), 'Doing Research' (Documenta 2012), 'Offside Effect' (Tbilisi Triennial 2012), 'Joyful Wisdom' (Istanbul Biennale 2013), and Aesthetic Jam (Taipei Biennale 2014). The author argues that artistic research should foreshadow a *gaya scienza*: a temporary autonomous activity where intellectual pleasure and an experimental method invigorate forms of research and thought.*

E-JOURNALS ACCESS AND MANAGEMENT

Routledge The proliferation of e-journals and their impact on library collections is tremendous. *E-Journals Access and Management* takes a comprehensive look at how e-journals have changed the library landscape and offers librarians strategies to better manage them. This useful resource provides a broad overview of the practical and theoretical issues associated with the management of

electronic journals, and contains practical and illuminating case studies of problems faced and solutions found in individual libraries. Containing chapters by respected authorities on this dynamic topic of debate, *E-Journals Access and Management* presents vital information on a full range of issues dealing with electronic resource access and management, including bibliographic and web access, acquisitions, and licensing.

CORPORATE VALUATION FOR PORTFOLIO INVESTMENT

ANALYZING ASSETS, EARNINGS, CASH FLOW, STOCK PRICE, GOVERNANCE, AND SPECIAL SITUATIONS

John Wiley & Sons A detailed guide to the discipline of corporate valuation Designed for the professional investor who is building an investment portfolio that includes equity, *Corporate Valuation for Portfolio Investment* takes you through a range of approaches, including those primarily based on assets, earnings, cash flow, and securities prices, as well as hybrid techniques. Along the way, it discusses the importance of qualitative measures such as governance, which go well beyond generally accepted accounting principles and international financial reporting standards, and addresses a variety of special situations in the life cycle of businesses, including initial public offerings and bankruptcies. Engaging and informative, *Corporate Valuation for Portfolio Investment* also contains formulas, checklists, and models that the authors, or other experts, have found useful in making equity investments. Presents more than a dozen hybrid approaches to valuation, explaining their relevance to different types of investors Charts stock market trends, both verbally and visually, enabling investors to think like traders when needed Offers valuation guidance based on less quantitative factors, namely management quality and factors relating to the company and the economy *Corporate Valuation for Portfolio Investment* puts this dynamic discipline in perspective and presents proven ways to determine the value of corporate equity securities for the purpose of portfolio investment.

CALCULUS OF VARIATIONS AND OPTIMAL CONTROL THEORY

A CONCISE INTRODUCTION

Princeton University Press This textbook offers a concise yet rigorous introduction to calculus of variations and optimal control theory, and is a self-contained resource for graduate students in engineering, applied mathematics, and related subjects. Designed specifically for a one-semester course, the book begins with calculus of variations, preparing the ground for optimal control. It then gives a complete proof of the maximum principle and covers key topics such as the Hamilton-Jacobi-Bellman theory of dynamic programming and linear-quadratic optimal control. *Calculus of Variations and Optimal Control Theory* also traces the historical development of the subject and features numerous exercises, notes and references at the end of each chapter, and suggestions for further study. Offers a concise yet rigorous introduction Requires limited background in control theory or advanced mathematics Provides a complete proof of the maximum principle Uses consistent notation in the exposition of classical and modern topics Traces the historical development of the subject Solutions manual (available only to teachers) Leading universities that have adopted this book include: University of Illinois at Urbana-Champaign ECE 553: Optimum Control Systems Georgia Institute of Technology ECE 6553: Optimal Control and Optimization University of Pennsylvania ESE 680: Optimal Control Theory University of Notre Dame EE 60565: Optimal Control

SUSTAINABLE AMAZON

LIMITATIONS AND OPPORTUNITIES FOR RURAL DEVELOPMENT

World Bank Publications Annotation This report adds to the discussion of land use in the Brazilian Amazon. It analyzes the harmful effects of increasing levels of rainfall on agricultural settlement and productivity.

LINEAR STATE-SPACE CONTROL SYSTEMS

John Wiley & Sons The book blends readability and accessibility common to undergraduate control systems texts with the mathematical rigor necessary to form a solid theoretical foundation. Appendices cover linear algebra and provide a Matlab overview and files. The reviewers pointed out that this is an ambitious project but one that will pay off because of the lack of good up-to-date textbooks in the area.

THE ACADEMIC ACHIEVEMENT CHALLENGE

WHAT REALLY WORKS IN THE CLASSROOM?

Guilford Press Looks at a variety of education reforms and innovations over the past one hundred years to find the best approach to teaching.

SHELTER MEDICINE FOR VETERINARIANS AND STAFF

John Wiley & Sons *Shelter Medicine for Veterinarians and Staff, Second Edition* is the premier reference on shelter medicine. Divided into sections on management, species-specific animal husbandry, infectious disease, animal cruelty, shelter programs, behavior, and spay/neuter, the new edition has been reformatted in a more user-friendly design with briefer chapters and information cross-referenced between chapters. Maintaining a herd health approach, new and expanded chapters address issues of husbandry, infectious disease management, behavior forensics, population management, forensic toxicology, animal cruelty and hoarding, enrichment in shelters, spay/neuter, and shelter design. Now in full color, this fully updated new edition delivers a vast array of knowledge necessary to provide appropriate and humane care for shelter animals. Veterinarians, veterinary technicians and shelter professionals will find this to be the go-to resource on the unique aspects of shelter medicine that help facilitate operating a modern, efficient, and humane shelter.

GLOBALIZATION AND HEALTH

PATHWAYS, EVIDENCE AND POLICY

Routledge Contemporary globalization has had tremendous impact on health equity across the globe. However, no volume has systematically analyzed the relationship between globalization and global trends in health outcomes. This book consolidates and updates the findings of a global research project undertaken by the Globalisation Knowledge Network (GKN) of the World Health Organization's Commission on Social Determinants of Health. Chapters examine such questions as: How has trade liberalisation affected the social determinants of health? How has globalization affected food security, nutrition and equitable access to water and sanitation? How well do present global governance structures take account of the health equity effects associated with the social determinants of health? This landmark volume will be a necessary addition for researchers and scholars studying the field of globalization, health and social policy, and public health across the social sciences.

BEGINNING TO READ

THINKING AND LEARNING ABOUT PRINT

MIT Press Beginning to Read reconciles the debate that has divided theorists for decades over what is the "right" way to help children learn to read. Beginning to Read reconciles the debate that has divided theorists for decades over the "right" way to help children learn to read. Drawing on a rich array of research on the nature and development of reading proficiency, Adams shows educators that they need not remain trapped in the phonics versus teaching-for-meaning dilemma. She proposes that phonics can work together with the whole language approach to teaching reading and provides an integrated treatment of the knowledge and process involved in skillful reading, the issues surrounding their acquisition, and the implications for reading instruction. A Bradford Book

OECD ENVIRONMENTAL OUTLOOK

OECD Publishing The OECD Environmental Outlook provides economy-based projections of environmental pressures and changes in the state of the environment to 2020.

ASSISTIVE TECHNOLOGY FOR VISUALLY IMPAIRED AND BLIND PEOPLE

Springer Science & Business Media Equal accessibility to public places and services is now required by law in many countries. For the vision-impaired, specialised technology often can provide a fuller enjoyment of the facilities of society, from large scale meetings and public entertainments to reading a book or making music. This volume explores the engineering and design principles and techniques used in assistive technology for blind and vision-impaired people. This book maintains the currency of knowledge for engineers and health workers who develop devices and services for people with sight loss, and is an excellent source of reference for students of assistive technology and rehabilitation.

SUSTAINABLE LIVING WITH ENVIRONMENTAL RISKS

Springer We are not free from environmental risks that accompany the development of human societies. Modern economic development has accelerated environmental pollution, caused loss of natural habitats, and modified landscapes. These environmental changes have impacted natural systems: water and heat circulation, nutrient cycling, and biodiversity. These changes in natural systems degrade ecosystem services and subsequently increase environmental risks for humans. Environmental risks, therefore, are not only human health risks by pollution, climatic anomalies and natural disasters, but also degradation of ecosystem services on which most people are relying for their lives. We cannot entirely eliminate the risks, because it is not possible to attain zero impact on the environment, but we need to find a mechanism that minimizes environmental risks for human sustainably. This is the idea of the interdisciplinary framework of "environmental risk management" theory, which advocates harmony between economic development and environmental conservation. Based on this theory, the Sustainable Living with Environmental Risk (SLER) programme, adopted by the Japanese Ministry of Education (MEXT) as one of its strategic programmes, has been training graduate students at the Yokohama National University, Japan, from 2009 to 2013 to become future environmental leaders who will take the initiative in reducing the level of environmental risks and in protecting natural resources in the developing nations of Asia and Africa. This book provides students and teachers of this new academic field with a comprehensive coverage of case studies of environmental risks and their practical management technologies not only in Japan but also in developing nations in Asia and Africa.

HEARING ASSISTIVE AND ACCESS TECHNOLOGY

Plural Publishing

RESEARCH-BASED METHODS OF READING INSTRUCTION, GRADES K-3

*ASCD What does research tell us about how teachers can most effectively help young students learn to read? In Research-Based Methods of Reading Instruction, Grades K-3, Sharon Vaughn and Sylvia Linan-Thompson explore the research on reading, providing a comprehensive overview of the five core instructional areas and how each affects student achievement: *Phonemic awareness *Phonics and Word Study *Fluency *Vocabulary *Comprehension The authors include dozens of reading activities and lesson plans that teachers can use immediately, all of which have worked in actual classrooms and are grounded in solid research. A glossary and annotated resource lists will help you better understand key reading concepts and find reliable resources, including relevant Web sites. Whether your students have special needs or show no apparent learning difficulties, this book will expand your repertoire of teaching strategies and help you put students on the road to literacy.*
