

# T320 E Business Technologies Foundations And Practice

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**Theories and Models of Communication** Paul Copley 2013-01-30 Open publication This unique volume offers an overview of the diversity in research on communication: including perspectives from biology, sociality, economics, norms and human development. It includes general social science and humanities approaches to communication, from systems theory to cultural theory, as well as perspectives more specifically related to communication acts, such as linguistics and cognition. The volume also features chapters on the participants and various elements in communication processes, on possible effects and on wider consequences of mediation [with technical media]. The scope of the contributions is global, and the volume is relevant to both the empirical and the philosophical traditions in human sciences. Designed as a stand-alone collection to engage undergraduates as well as postgraduates and academics, this is also the first book in, and an introduction to, the de Gruyter Mouton multi-volume Handbooks of Communication Science.

**Html5 Graphing and Data Visualization Cookbook** Ben Fhala 2012-11-23 This cookbook is organized in a linear, progressive way allowing it to be read from start to finish, as well as to be used as a useful resource for specific tasks. The HTML5 examples and recipes will have you making dynamic, interactive, and animated charts and graphs in no time. You don't need to have a background in HTML5 or Canvas but you do need to have a basic understanding of how HTML works and know how to code in any language (preferably in JavaScript). In this book we will not explain how to learn to code but how to create projects and how to plan and execute them in the process.

**Real-Time Embedded Systems** Christos Koulamas 2019-01-10 This book is a printed edition of the Special Issue "Real-Time Embedded Systems" that was published in Electronics

**JUNOS Enterprise Switching** Harry Reynolds 2009-07-16 JUNOS Enterprise Switching is the only detailed technical book on Juniper Networks' new Ethernet-switching EX product platform. With this book, you'll learn all about the hardware and ASIC design prowess of the EX platform, as well as the JUNOS Software that powers it. Not only is this extremely practical book a useful, hands-on manual to the EX platform, it also makes an excellent study guide for certification exams in the JNTCP enterprise tracks. The authors have based JUNOS Enterprise Switching on their own Juniper training practices and programs, as well as the configuration, maintenance, and troubleshooting guidelines they created for their bestselling companion book, JUNOS Enterprise Routing. Using a mix of test cases, case studies, use cases, and tangential answers to real-world problems, this book covers: Enterprise switching and virtual LANs (VLANs) The Spanning tree protocol and why it's needed Inter-VLAN routing, including route tables and preferences Routing policy and firewall filters Switching security, such as DHCP snooping Telephony integration, including VLAN voice Part of the Juniper Networks Technical Library, JUNOS Enterprise Switching provides all-inclusive coverage of the Juniper Networks EX product platform, including architecture and packet flow, management options, user interface options, and complete details on JUNOS switch deployment. [The Management of Small and Medium Enterprises](#) Matthias Fink 2009-05-07 Due to the vital importance of SMEs in developed economies worldwide, this book aims to provide a unique and much-needed investigation into the underlying mechanisms and practices of management within these companies by collecting a wide range of original conceptual and empirical research in the topical area of management in SMEs and new ventures. Collecting work from dozens of leading scholars in fields ranging from management and entrepreneurship to human resource management and strategy, this book aims to supply readers with an overview of the field of research in management of SMEs and new ventures as well as in depth knowledge on a variety of related topics. The essays collected here are focused and practical, offering a variety of explicit and pragmatic recommendations for action and developing new tools and strategies useful to scholars and students as well as practitioners working in the field of SME and new venture management and consulting.

**Mindfulness (HBR Emotional Intelligence Series)** Harvard Business Review 2017-04-18 The benefits of mindfulness include better performance, heightened creativity, deeper self-awareness, and increased charisma—not to mention greater peace of mind. This book gives you practical steps for building a sense of presence into your daily work routine. It also explains the science behind mindfulness and why it works and gives clear-eyed warnings about the pitfalls of the fad. This volume includes the work of: Daniel Goleman Ellen Langer Susan David Christina Congleton This collection of articles includes "Mindfulness in the Age of Complexity," an interview with Ellen Langer by Alison Beard; "Mindfulness Can Literally Change Your Brain," by Christina Congleton, Britta K. Hölzel, and Sara W. Lazar; "How to Practice Mindfulness Throughout Your Work Day," by Rasmus Hougaard and Jacqueline Carter; "Resilience for the Rest of Us," by Daniel Goleman; "Emotional Agility: How Effective Leaders Manage Their Thoughts and Feelings," by Susan David and Christina Congleton; "Don't Let Power Corrupt You," by Dacher Keltner; "Mindfulness for People Who Are Too Busy to Meditate," by Maria Gonzalez; "Is Something Lost When We Use Mindfulness as a Productivity Tool?" by Charlotte Lieberman; and "There Are Risks to Mindfulness at Work," by David Brendel. How to be human at work. The HBR Emotional Intelligence Series features smart, essential reading on the human side of professional life from the pages of Harvard Business Review. Each book in the series offers proven research showing how our emotions impact our work lives, practical advice for managing difficult people and situations, and inspiring essays on what it means to tend to our emotional well-being at work. Uplifting and practical, these books describe the social skills that are critical for ambitious professionals to master.

**Climate Change: Significance for Agriculture and Forestry** David White 1994-06-30 Societies throughout the world depend on food, fiber and forest products. Continuity and security of agricultural and forest production are therefore of paramount importance. Predicted changes in climate could be expected to alter, perhaps significantly, the levels and relative agricultural and forestry production of different nations over the next few decades. Agriculture and forestry are also likely to influence the rate and magnitude of such change, as they can be both significant sources and sinks of a number of greenhouse gases. Adaptive management strategies therefore need to be formulated and implemented for these sectors, to enable them to both adapt to future environmental change, and to limit greenhouse gas emissions. This book arose from an international workshop held in Canberra, Australia, under the auspices of the former IPCC Working Group III - Agriculture, Forestry and Other Human Activities Sub-Group (AFOS). A number of leading speakers at the workshop were approached to encapsulate the concepts discussed and developed at this workshop. The resulting papers make up this volume. The book promotes a greater understanding of the major sources and sinks of greenhouse gases within intensive and extensive cropping and animal production systems, and of agroforestry. It highlights the need to adopt a holistic systems approach to monitoring and reducing greenhouse gas emissions and assessing impacts, and to integrate climate change-related goals and activities with other issues, such as biodiversity, desertification, and sustainable agriculture and forestry.

**Modeling and Optimization of Interdependent Energy Infrastructures** Wei Wei 2019-10-22 This book opens up new ways to develop mathematical models and optimization methods for interdependent energy infrastructures, ranging from the electricity network, natural gas network, district heating network, and electrified transportation network. The authors provide methods to help analyze, design, and operate the integrated energy system more efficiently and reliably, and constitute a foundational basis for decision support tools for the next-generation energy network. Chapters present new operation models of the coupled energy infrastructure and the application of new methodologies including convex optimization, robust optimization, and equilibrium constrained optimization. Four appendices provide students and researchers with helpful tutorials

on advanced optimization methods: Basics of Linear and Conic Programs; Formulation Tricks in Integer Programming; Basics of Robust Optimization; Equilibrium Problems. This book provides theoretical foundation and technical applications for energy system integration, and the the interdisciplinary research presented will be useful to readers in many fields including electrical engineering, civil engineering, and industrial engineering.

**Core Servlets and JavaServer Pages** Marty Hall 2008 Describes the features and capabilities of servlets and JavaServer Pages in building enterprise-class applications.

**ISDN** Robin Mason 1994 This book provides an introduction to the technology for educators, with case studies of education and training uses of ISDN technologies in Europe, the US and Australia.

**Oracle Application Express 3.2** Arie Geller 2010-06-01 Developing data-centric web applications can be a real challenge as it is a multi-disciplinary process. There are many technologies involved in the client side (HTML, CSS, JavaScript, and so on); the interaction with the database, on the server side; the typeless nature of the web environment; and above all, the need to put it all together. This needs to be done in a manner that will allow the end users to do their job in the simplest and most efficient way, while enriching their user experience. How often have you wished that developing such applications could be uncomplicated and straightforward? This book will show you that it's possible, and teaches you how to do it, using Oracle Application Express (APEX). With this practical guide to APEX, you'll learn how to easily develop data-centric web applications for the Oracle environment. The book covers the development cycle of an APEX application, reviewing the major APEX principles and building blocks chapter by chapter. It starts with the basic skills you need to get going when developing with APEX. Later, you will learn advanced issues, such as how to build tailor-made forms and reports, using APEX APIs, AJAX, and so on. It not only deals with the "How" but also with the "Why", and before long you will be able to understand APEX concepts, and use them to expand and enhance the built-in features, wizards, and tools. The book starts with the design phase, including building the necessary database objects infrastructure; continues with ways to implement the application logic (on the server side) and the User Interface (on the client side), whilst showing you how to enhance your applications' features and functionality according to your specific needs; and it ends with application deployment. The book emphasizes and clearly documents areas such as Globalization, Localization, and developing multi-lingual applications, and includes a special discussion about Right-To-Left (RTL) support for APEX applications, documented here for the first time. Throughout the book, there are many screenshots and snippets of code, taken from working APEX applications. The book is accompanied by demo APEX applications that you can download and install in your APEX environment, thoroughly analyze, and learn from as you read the book.

**The Europeanization of Domestic Legislatures** Sylvain Brouard 2011-12-10 In ten years 80 per cent of the legislation related to economics, maybe also to taxes and social affairs, will be of Community origin." This declaration has been largely quoted, paraphrased and deformed by different authors, creating a persistent myth according to which 80% of the legislative activity of the national legislatures would soon be reduced to the simple transposition of European norms". This book addresses the topic of the scope and impact of Europeanization on national legislation, as a part of the Europeanization debate which raises normative concerns linked to the "democratic deficit" debate. The state of the art shows that there are many assumptions and claims on how European integration may affect national legislation and, more generally, domestic governance but that there is a lack of solid and comparative data to test them. The aim of the book is to give a solid and comparative insight into Europeanization focusing on effective outcomes in a systematic way. This book analyzes the period 1986-2008 and includes an introduction, a global overview of European legislative activities which set the background for Europeanization of national legislatures, 9 country contributions (8 EU member states + Switzerland) including systematic, comparative and standardized data, tables and figures, and a conclusion with a comparative analysis of the European and domestic reasons for Europeanization. All national contributions conclude that Europeanization of national legislation is much more limited than assumed in the literature and public debate. It is limited to 10 to 30% of laws (depending on the country), far less than the 80% predicted by Jacques Delors and mentioned daily by medias and public opinion leaders to demonstrate EU domination on member states. Beside that general statement, the various chapters propose a deep insight on EU constraint over national legislation, providing much information on the kind of laws and policies that are Europeanized, the evolution of this process through time, the impact of Europeanization on the balance of powers and the relations between majority and opposition at national level, the strategies developed by national institutions in that context, and many other issues, making the book of interest to academics and policy-makers concerned with Europeanization and national legislation.

**BIRT** Diana Peh 2011-02-09 More than ten million people have downloaded BIRT (Business Intelligence and Reporting Tools) from the Eclipse web site, and more than one million developers are estimated to be using BIRT. Built on the open source Eclipse platform, BIRT is a powerful report development system that provides an end-to-end solution—from creating and deploying reports to integrating report capabilities in enterprise applications. ∫ The first in a two-book series about this exciting technology, BIRT: A Field Guide to Reporting, Third Edition, is the authoritative guide to using BIRT Report Designer, the graphical tool that enables users of all levels to build reports, from simple to complex, without programming. ∫ This book is an essential resource for users who want to create presentation-quality reports quickly. The extensive examples, step-by-step instructions, and abundant illustrations help new users develop report design skills. Power users can find the information they need to make the most of the product's rich set of features to build sophisticated and compelling reports. ∫ Readers of this book learn how to Design effective corporate reports that convey complex business information using images, charts, tables, and cross tabs Build reports using data from multiple sources, including databases, spreadsheets, web services, and XML documents Enliven reports with interactive features, such as hyperlinks, tooltips, and highlighting Create reports using a consistent style, and, drawing on templates and libraries of reusable elements, collaborate with other report designers Localize reports for an international audience The third edition, newly revised, adds updated examples, contains close to 1,000 new and replacement screenshots, and covers all the new and improved product features, including Result-set sharing to create dashboard-style reports Data collation conforming to local conventions Using cube data in charts, new chart types, and functionality Displaying bidirectional text, used in right-to-left languages Numerous enhancements to cross tabs, page management, and report layout

**JNCIA: Juniper Networks Certified Internet Associate Study Guide** Joseph M. Soricelli 2006-02-20 Here's the book you need to prepare for the JNCIA exam, JN0-201, from Juniper Networks. Written by a team of Juniper Network trainers and engineers, this Study Guide provides: Assessment testing to focus and direct your studies In-depth coverage of official test objectives Hundreds of challenging practice questions, in the book and on the CD Authoritative coverage of all test objectives, including: Working with the JUNOS software Implementing Juniper Networks boot devices Troubleshooting Routing Information Protocol Implementing a routing policy Configuring and monitoring an OSPF Network Implementing Border Gateway Protocol Monitoring and troubleshooting an IS-IS network Understanding the Reverse Path Forwarding process Operating firewall filters Using Multiprotocol Label Switching Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

**Biochar as Soil Amendment** José María De la Rosa 2020-03-10 The role of biochar in improving soil fertility is increasingly being recognized and is leading to recommendations of biochar

amendment of degraded soils. In addition, biochars offer a sustainable tool for managing organic wastes and to produce added-value products. The benefits of biochar use in agriculture and forestry can span enhanced plant productivity, an increase in soil C stocks, and a reduction of nutrient losses from soil and non-CO<sub>2</sub> greenhouse gas emissions. Nevertheless, biochar composition and properties and, therefore, its performance as a soil amendment are highly dependent on the feedstock and pyrolysis conditions. In addition, due to its characteristics, such as high porosity, water retention, and adsorption capacity, there are other applications for biochar that still need to be properly tested. Thus, the 16 original articles contained in this book, which were selected and evaluated for this Special Issue, provide a comprehensive overview of the biological, chemophysical, biochemical, and environmental aspects of the application of biochar as soil amendment. Specifically, they address the applicability of biochar for nursery growth, its effects on the productivity of various food crops under contrasting conditions, biochar capacity for pesticide retention, assessment of greenhouse gas emissions, and soil carbon dynamics. I would like to thank the contributors, reviewers, and the support of the Agronomy editorial staff, whose professionalism and dedication have made this issue possible.

**Practical Eclipse Rich Client Platform Projects** Vladimir Silva 2009-05-26 Eclipse and the Rich Client Platform (RCP) together form a leading development platform. It provides a lightweight software component framework based on plug-ins. In addition to allowing Eclipse to be extended using other programming languages, it provides the key to the seamless integration of tools with Eclipse. The RCP gives Eclipse its modularity: Eclipse employs plug-ins in order to provide all of its functionality on top of (and including) the RCP, in contrast to some other applications where functionality is typically hard-coded. RCP apps are platform independent: they can be built for all major operating systems such as Windows, Linux, and Mac from a single code base. And the RCP provides a professional look and feel for applications. Practical Eclipse Rich Client Platform Projects is a clear and technical guide for Eclipse developers to help them enhance their knowledge and achieve their goals quickly. The book explains the technical concepts easily and in an engaging way. The text provides plenty of source code and images as learning aids. Several practical projects and case studies are included.

**The Pursuit of Human Well-Being** Richard J. Estes 2017-01-09 This handbook informs the reader about how much progress we, the human race, have made in enhancing the quality of life on this planet. Many skeptics focus on how the quality of life has deteriorated over the course of human history, particularly given World War II and its aftermath. This handbook provides a positive perspective on the history of well-being. Quality of life, as documented by scientists worldwide, has significantly improved. Nevertheless, one sees more improvements in well-being in some regions of the world than in others. Why? This handbook documents the progress of well-being in the various world regions as well as the differences in those regions. The broad questions that the handbook addresses include: What does well-being mean? How do different philosophical and religious traditions interpret the concept of well-being within their own context? Has well-being remained the same over different historical epochs and for different regions and subregions of the world? In which areas of human development have we been most successful in advancing individual and collective well-being? In which sectors has the attainment of well-being proven most difficult? How does well-being differ within and between different populations groups that, for a variety of socially created reasons, have been the most disadvantaged (e.g., children, the aged, women, the poor, racial, ethnic, and sexual minorities)?

**Art and Risk in Ancient Yoruba** Suzanne Preston Blier 2015-04-06 In this book, Suzanne Preston Blier examines the intersection of art, risk and creativity in early African arts from the Yoruba center of life and the striking ways that ancient life artworks inform society, politics, history and religion. Yoruba art offers a unique lens into one of Africa's most important and least understood early civilizations, one whose historic arts have long been of interest to local residents and Westerners alike because of their tour-de-force visual power and technical complexity. Among the complementary subjects explored are questions of art making, art viewing and aesthetics in the famed ancient Nigerian city-state, as well as the attendant risks and danger assumed by artists, patrons and viewers alike in certain forms of subject matter and modes of portrayal, including unique genres of body marking, portraiture, animal symbolism and regalia. This volume celebrates art, history and the shared passion and skill with which the remarkable artists of early life sought to define their past for generations of viewers.

**Cardiac Cell Biology** Elissavet Kardami 2003-02-28 Cardiac cell biology has come of age. Recognition of activated or modified signaling molecules by specific antibodies, new selective inhibitors, and fluorescent fusion tags are but a few of the tools used to dissect signaling pathways and cross-talk mechanisms that may eventually allow rational drug design. Understanding the regulation of cardiac hypertrophy in all its complexity remains a fundamental goal of cardiac research. Since the advancement of adenovirally mediated gene transfer, transfection efficiency is no longer a limiting factor in the study of cardiomyocytes. A limiting factor in considering cell transplantation as a strategy to repair the damaged heart is cell availability at the right time. Cardiac gap junctions, intercellular communication channels that allow electrical and metabolic coupling and play an important role in arrhythmogenesis are now understood to be exquisite sensors of cardiac change. The reports in this volume include elegant studies that made use of cutting edge technological advances and many specialized reagents to address these issues.

**Rectal Cancer** Brian G. Czito 2010-07-29 Rectal Cancer: International Perspectives on Multimodality Management is a timely analysis of the diagnosis, staging, pathology, and therapy of cancer of the rectum. This book is intended as a useful resource for physicians, scientists, medical students, and allied health personnel in the disciplines of radiology, gastroenterology, surgical oncology, medical oncology, radiation oncology, and pathology. Renowned contributors from different medical disciplines have written their chapters in a thoughtful, provocative, and visual fashion. Importantly, these chapters highlight the controversies in the diagnostic, staging, and therapeutic management of patients with rectal cancer while providing practical management recommendations. This book is divided into 18 chapters. Early chapters address the diagnosis and staging of rectal cancer, highlighting the critical role of contemporary imaging in guiding treatment. The remaining chapters focus on the multimodality management of rectal cancer from the vantage points of surgery, pathology, chemotherapy, and radiation therapy. The major developments in surgery are reviewed first, including contemporary roles of local excision, total mesorectal excision, lateral pelvic lymph node dissection, organ preservation approaches, as well as the management of advanced, recurrent, and metastatic disease. Following is a chapter describing the pathologic evaluation of rectal cancer specimens, with emphasis on proper methodology and its clinical relevance to overall disease management. The final chapters review the contemporary roles of chemotherapy (including with radiation therapy, adjuvant and neoadjuvant settings without radiation therapy, as well as in metastatic disease) as well as radiation therapy (including adjuvant and neoadjuvant approaches, short vs.

**Case Law of the Boards of Appeal of the European Patent Office** 2019

**Project Management Process Improvement** Robert K. Wysocki 2004 No matter how perfect a project plan may be on paper, it is worthless if nobody actually uses it. This innovative guide shows you how to ensure that your team has the process capabilities needed to successfully carry out any project plan you put to paper. By using the SEI's Capability Maturity Model, The Project Management Maturity Model, and PMBOK Knowledge areas, you can baseline your team's process level to see how it measures up to those required by a project plan.

**The Holt Handbook** Laurie G. Kirszner 2003-05-20 Offering more coverage on the writing process, research, and writing in the disciplines, THE HOLT HANDBOOK is the most comprehensive and accessible handbook on the market.

**Developing Web Services with Apache CXF and Axis2 (3rd Edition)** Kent Ka lok Tong 2010 If you'd like to learn how to create web services (in particular, using Apache CXF or Axis2) and make some sense of various standards like JAX-WS, JAX-RS, JAXB, SOAP, WSDL, REST, MTOM, WS-Security, WS-Policy, XML Encryption and XML Signature, then this book is for you. Why? 1) It has a tutorial style that walks you through in a step-by-step manner. 2) It is concise. There is no lengthy, abstract description. 3) Many diagrams are used to show the flow of processing and high level concepts so that you get a whole picture of what's happening. 4) It contains working code. 5) The first two chapters are freely available on <http://www.agileskills2.org>. You can judge it yourself. **Communicating in the 21st Century** Baden Eunson 2012-11-08 The third edition of the text is in full colour for the first time, with comprehensive and highly referenced coverage of

communication theory continuing to be balanced with extensive practical skill activities. Both text and its associated digital resources are written in a user-friendly, accessible style and are enhanced by informative illustrations.

**How to Succeed as a Working Parent** Steve Chalke 2003 Steve Chalke takes the reader through all the necessary steps to achieve the right balance as a working parent. With real life stories and top tips, this guide will allow the reader to re-evaluate their situation and feel happy about their choices. Getting to know the real you Taking control of budgets Childcare you can be 'really' happy with Making divisions between you and work How to re-assess things regularly **Eclipse Web Tools Platform** Naci Dai 2007-05-21 Discover WTP, the New End-to-End Toolset for Java-Based Web Development The Eclipse Web Tools Platform (WTP) seamlessly integrates all the tools today's Java Web developer needs. WTP is both an unprecedented Open Source resource for working developers and a powerful foundation for state-of-the-art commercial products. Eclipse Web Tools Platform offers in-depth descriptions of every tool included in WTP, introducing powerful capabilities never before available in Eclipse. The authors cover the entire Web development process—from defining Web application architectures and development processes through testing and beyond. And if you're seeking to extend WTP, this book provides an introduction to the platform's rich APIs. The book also Presents step-by-step coverage of developing persistence, business logic, and presentation tiers with WTP and Java Introduces best practices for multiple styles of Web and Java EE development Demonstrates JDBC database access and configuration Shows how to configure application servers for use with WTP Walks through creating Web service application interfaces Covers automated testing with JUnit and Cactus, and automated builds utilizing Ant, Maven, and CruiseControl Introduces testing and profiling Web applications with the Eclipse Test and Performance Tools Platform (TPTP) project Describes how to extend WTP with new servers, file types, and WSDL extensions Foreword Preface Acknowledgments About the Authors Part I: Getting Started Chapter 1: Introduction Chapter 2: About the Eclipse Web Tools Platform Project Chapter 3: Quick Tour Chapter 4: Setting Up Your Workspace Part II: Java Web Application Development Chapter 5: Web Application Architecture and Design Chapter 6: Organizing Your Development Project Chapter 7: The Presentation Tier Chapter 8: The Business Logic Tier Chapter 9: The Persistence Tier Chapter 10: Web Services Chapter 11: Testing Part III: Extending WTP Chapter 12: Adding New Servers Chapter 13: Supporting New File Types Chapter 14: Creating WSDL Extensions Chapter 15: Customizing Resource Resolution Part IV: Products and Plans Chapter 16: Other Web Tools Based on Eclipse Chapter 17: The Road Ahead Glossary References Index This book is an invaluable resource for every Eclipse and enterprise Java Web developer: both those who use Eclipse to build other Web applications, and those who build Eclipse technologies into their own products. Complete source code examples are available at [www.eclipsewtp.org](http://www.eclipsewtp.org).

**Operational Research in Agriculture and Tourism** Evangelia Krassadaki 2020-05-05 This book presents a diverse range of recent operational research techniques that have been applied to agriculture and tourism management. It covers both the primary sector of agriculture and agricultural economics, and the tertiary sector of the tourism industry. Findings and lessons learned from these innovations can be readily applied to various other contexts. The book chiefly focuses on cooperative management issues, and on developing solutions to provide decision support in multi-criteria scenarios.

**Mechanical Excavation in Mining and Civil Industries** Nuh Bilgin 2013-12-05 The secret to streamlined scheduling of mining and civil engineering projects is a solid understanding of the basic concepts of rock cutting mechanics. Comparing theoretical values with experimental and real-world results, Mechanical Excavation in Mining and Civil Industries thoroughly explains various rock cutting theories developed for chisel, conical, disc, and button cutters. The authors provide numerical examples on the effect of independent variables on dependent variables, as well as numerical and solved examples from real-life mining and civil engineering projects using equipment such as: Hard- and soft-ground tunnel boring machines (TBMs) Roadheaders Shearers Ploughs Chain saws Raise borers Impact hammers Large-diameter drill rigs Microtunnel boring machines This book assists students and practicing engineers in selecting the most appropriate machinery for a specific job and predicting machine performance to ensure efficient extraction, and offers background information on rock cutting mechanics and different mechanical miners.

**OpenCms 7 Development** Dan Liliedahl 2008

**More Servlets and Javasever Pages** Marty Hall 2002 Explains how to program using servlet and JSP technology, discusses Web application development and deployment, describes Web application security, examines filters, and covers new tag library developments.

**Real-Time Systems Design and Analysis** Phillip A. Laplante 1997 Acknowledgments. Basic Real-Time Concepts. Computer Hardware. Languages Issues. The Software Life Cycle. Real-Time Specification and Design Techniques. Real-Time Kernels. Intertask Communication and Synchronization. Real-Time Memory Management. System Performance Analysis and Optimization. Queuing Models. Reliability, Testing, and Fault Tolerance. Multiprocessing Systems. Hardware/Software Integration. Real-Time Applications. Glossary. Bibliography. Index.

**Transoral Robotic Surgery (TORS)** Gregory S. Weinstein 2011-09-05

**Elgg 1.8 Social Networking** Cash Costello 2012-02-01 This book provides more than just a step-by-step guide to installing and using Elgg. It includes practical advice gained through experience on what it takes to deploy and maintain an Elgg-based site. If you are a software developer or are familiar with PHP, it provides both a tutorial-based introduction and a quick reference guide so that you can quickly extend and customize Elgg. If you want to create a social networking site using Elgg and do not have a background in software development, this book provides all the information and advice that you need written just for you. If you are a developer, it also contains valuable tutorials and reference material so that you can begin writing code right away.

**The Land is a Map** Luise Hercus 2009-03-01 The entire Australian continent was once covered with networks of Indigenous placenames. These names often evoke important information about features of the environment and their place in Indigenous systems of knowledge. On the other hand, placenames assigned by European settlers and officials are largely arbitrary, except for occasional descriptive labels such as 'river, lake, mountain'. They typically commemorate people, or unrelated places in the Northern hemisphere. In areas where Indigenous societies remain relatively intact, thousands of Indigenous placenames are used, but have no official recognition. Little is known about principles of forming and bestowing Indigenous placenames. Still less is known about any variation in principles of placename bestowal found in different Indigenous groups. While many Indigenous placenames have been taken into the official placename system, they are often given to different features from those to which they originally applied. In the process, they have been cut off from any understanding of their original meanings. Attempts are now being made to ensure that additions of Indigenous placenames to the system of official placenames more accurately reflect the traditions they come from. The eighteen chapters in this book range across all of these issues. The contributors (linguistics, historians and anthropologists) bring a wide range of different experiences, both academic and practical, to their contributions. The book promises to be a standard reference work on Indigenous placenames in Australia for many years to come.

**Academic Knowledge Production and the Global South** Márton Demeter 2020-10-01 This book investigates and critically interprets the underrepresentation of the global South in global knowledge production. The author analyses the serious bias towards scholars and institutions from this region: he argues that this phenomenon causes serious disadvantages not only for authors and institutions, but global science as well by impeding the flow of fresh, innovative scholarship. This book uses a combination of field theory and world-systems analysis to explain the motives and dynamics behind the geopolitical and societal inequalities in the system of global knowledge production. Subsequently, the author offers several solutions by which these inequalities could be reduced, or even eliminated. This book will be of interest and value to scholars of knowledge inequalities, and knowledge production in the global South. "Márton Demeter's monograph invokes rich anecdotal, empirical and scientometric evidence to delineate the contours of a world system that preserves the dominance of Western knowledge and scholars and the westernisation or peripheralisation of the rest – a system defined by geopolitical and material inequalities, socio-economic class differences, institutional elitism and publishing biases. Demeter's work counters narratives that present academia as meritocratic and that justify disparities in world publications on the basis of pure rigour, exposing rather norms and values that perpetuate a western elitist system and peripheralise those who happen to lack this cultural

capital. Demeter's work adds to an expanding field of research documenting how Anglophone standards and biases in journal indexing, peer review and editorial board recruitment marginalise consistently the Global South. His practical and concrete suggestions to subvert this system of horizontal and vertical inequalities could not be timelier and provides momentum to decolonisation movements in higher education across the world." —Dr Romina Istratii, SOAS University of London, UK "Márton Demeter is a scholar dedicated to revealing the inequality in academic publishing and a strong advocate for scholars from the Global South. This book is an epitome of his effort on this cause. Demeter utilizes his wealth of data including authorships, citations, journal publishers, editorial review board compositions, the reviewers and the editors of journals as strong evidence of inequality with his three-dimensional model of academic stratification. This book is a must-read for scholars both in the Global North and the Global South to reflect on the current state of academic knowledge gatekeeping and production. It will spark a dialogue between scholars to address the dominance of the Global North especially in the field of communication." —Professor Louisa Ha, Bowling Green State University, USA "Márton Demeter's analysis and critique of the unequal structure of global knowledge production is a powerful contribution to the global justice movement with dramatic implications for what academics in both the Global North and the Global South can do to help science and the humanities live up to their claims of meritocracy and universality. Demeter employs a useful critical combination of the world-systems perspective and Bourdieusian field theory to organize the results of his careful and sophisticated empirical studies of global knowledge production. He is an intrepid protagonist of a more egalitarian human future." —Professor Christopher Chase-Dunn, University of California, Riverside, USA

**Data Mining Applications for Empowering Knowledge Societies** Rahman, Hakikur 2008-07-31 Presents an overview of the main issues of data mining, including its classification, regression, clustering, and ethical issues. Provides readers with knowledge enhancing processes as well as a wide spectrum of data mining applications.

**Introduction to Stochastic Programming** John R. Birge 2006-04-06 This rapidly developing field encompasses many disciplines including operations research, mathematics, and probability. Conversely, it is being applied in a wide variety of subjects ranging from agriculture to financial planning and from industrial engineering to computer networks. This textbook provides a first

course in stochastic programming suitable for students with a basic knowledge of linear programming, elementary analysis, and probability. The authors present a broad overview of the main themes and methods of the subject, thus helping students develop an intuition for how to model uncertainty into mathematical problems, what uncertainty changes bring to the decision process, and what techniques help to manage uncertainty in solving the problems. The early chapters introduce some worked examples of stochastic programming, demonstrate how a stochastic model is formally built, develop the properties of stochastic programs and the basic solution techniques used to solve them. The book then goes on to cover approximation and sampling techniques and is rounded off by an in-depth case study. A well-paced and wide-ranging introduction to this subject.

**Agile Project Management: Managing for Success** James A. Crowder 2014-08-23 Management and enables them to deal with the demands and complexities of modern, agile systems/software/hardware development teams. The book examines the project/program manager beyond the concepts of leadership and aims to connect to employees' sense of identity. The text examines human psychological concepts such as "locus of control," which will help the manager understand their team members' view and how best to manage their "world" contributions. The authors cover new management tools and philosophies for agile systems/software/hardware development teams, with a specific focus on how this relates to engineering and computer science. This book also includes practical case studies. Discusses management skills needed as they relate to the advances in software development practices Examines how to manage an agile development team that includes teams across geographically, ethnically, and culturally diverse backgrounds Embraces all of the aspects of modern management and leadership

**Convergence and Hybrid Information Technology** Geuk Lee 2011-09-22 This book constitutes the refereed proceedings of the 5th International Conference on Convergence and Hybrid Information Technology, ICHIT 2011, held in Daejeon, Korea, in September 2011. The 85 revised full papers presented were carefully reviewed and selected from 144 submissions. The papers are organized in topical sections on communications and networking; motion, video, image processing; security systems; cloud, RFID and robotics; industrial application of software systems; hardware and software engineering; healthcare, EEG and e-learning; HCI and data mining; software system and its applications.