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Oracle WebLogic Server 11g Administration Handbook Sam R. Alapati 2011-09-22 Master the Configuration and Administration of Oracle WebLogic Server 11g Oversee a robust, highly available environment for your mission-critical applications using the expert information in this Oracle Press guide. Oracle WebLogic Server 11g Administration Handbook explains the latest management techniques for the de facto application server for Oracle Fusion Middleware 11g> and provides detailed examples and best practices. Find out how to use the Oracle WebLogic Server Administration Console feature, employ command-line and scripting tools, implement failover and migration capabilities, and generate reliable backups. Troubleshooting, tuning, and security procedures are also covered in this comprehensive resource. Install Oracle WebLogic Server 11g or upgrade from a previous version Configure domains, servers, clusters, custom networks, and virtual hosts Work with the Administration Console and Monitoring Dashboard features of Oracle WebLogic Server Use the WebLogic Scripting Tool (WLST) feature of Oracle WebLogic Server to manage and monitor domains Use the Oracle WebLogic Server Work Managers feature to optimize scheduled work Deploy Web applications, Enterprise JavaBeans, and Java EE modules Improve scalability and reliability using Oracle WebLogic Server clusters Monitor servers, tune the Java Virtual Machine, maximize throughput, and optimize performance Authenticate, authorize, and map users within defined security realms Separation and Purification Technologies in

Biorefineries Shri Ramaswamy 2013-02-04 Separation and purification processes play a critical role in biorefineries and their optimal selection, design and operation to maximise product yields and improve overall process efficiency. Separations and purifications are necessary for upstream processes as well as in maximising and improving product recovery in downstream processes. These processes account for a significant fraction of the total capital and operating costs and also are highly energy intensive. Consequently, a better understanding of separation and purification processes, current and possible alternative and novel advanced methods is essential for achieving the overall techno-economic feasibility and commercial success of sustainable biorefineries. This book presents a comprehensive overview focused specifically on the present state, future challenges and opportunities for separation and purification methods and technologies in biorefineries. Topics covered include: Equilibrium Separations: Distillation, liquid-liquid extraction and supercritical fluid extraction. Affinity-Based Separations: Adsorption, ion exchange, and simulated moving bed technologies. Membrane Based Separations: Microfiltration, ultrafiltration and diafiltration, nanofiltration, membrane pervaporation, and membrane distillation. Solid-liquid Separations: Conventional filtration and solid-liquid extraction. Hybrid/Integrated Reaction-Separation Systems: Membrane bioreactors, extractive fermentation, reactive distillation and reactive absorption. For each of these processes, the fundamental principles and design aspects are presented, followed by a detailed discussion and specific examples of applications in biorefineries. Each

chapter also considers the market needs, industrial challenges, future opportunities, and economic importance of the separation and purification methods. The book concludes with a series of detailed case studies including cellulosic bioethanol production, extraction of algae oil from microalgae, and production of biopolymers. Separation and Purification Technologies in Biorefineries is an essential resource for scientists and engineers, as well as researchers and academics working in the broader conventional and emerging bio-based products industry, including biomaterials, biochemicals, biofuels and bioenergy.

Essential Oils in Food Processing: Chemistry, Safety and Applications Seyed Mohammed Bagher Hashemi 2017-12-26 A guide to the use of essential oils in food, including information on their composition, extraction methods, and their antioxidant and antimicrobial applications Consumers' food preferences are moving away from synthetic additives and preservatives and there is an increase demand for convenient packaged foods with long shelf lives. The use of essential oils fills the need for more natural preservativesto extend the shelf-life and maintaining the safety of foods. Essential Oils in Food Processing offers researchers in food science a guide to the chemistry, safety and applications of these easily accessible and eco-friendly substances. The text offers a review of essential oils components, history, source and their application in foods and explores common and new extraction methods of essential oils from herbs and spices. The authors show how to determine the chemical composition of essential oils as well as an explanation of the antimicrobial and antioxidant activity of these oils in foods. This resource also delves into the effect of essential oils on food flavor and explores the interaction of essential oils and food components. Essential Oils in Food Processing offers a: Handbook of the use of essential oils in food, including their composition, extraction methods and their antioxidant and antimicrobial applications Guide that shows how essential oils can be used to extend the shelf life of food products whilst meeting consumer demand for "natural" products Review of the use of essential oils as natural flavour ingredients Summary of relevant food regulations as pertaining to essential oils Academic researchers in food science, R&D scientists, and educators and advanced students in food science and nutrition can tap into the most recent findings and basic understanding of the chemistry, application, and safe us of essential oils in food processing.

Guida commerciale d'Italia e delle colonie 1908

The Java EE 7 Tutorial Eric Jendrock 2014-04-30 The Java EE 7 Tutorial: Volume 1, Fifth Edition, is a task-oriented, example-driven guide to developing enterprise applications for the Java Platform, Enterprise Edition 7 (Java EE 7). Written by members of the Java EE documentation team at Oracle, this book provides new and intermediate Java programmers with a deep understanding of the platform. This guide includes descriptions of platform features and provides instructions for using the latest versions of NetBeans IDE and GlassFish Server Open Source Edition. The book introduces platform basics, including resource creation, resource injection, and packaging. It covers JavaServer Faces, Java Servlets, the Java API for WebSocket, the Java API for JSON Processing (JSON-P), internationalization and localization, Bean Validation, Contexts and Dependency Injection for Java EE (CDI), and web services (JAX-WS and JAX-RS).

Libri buoni e a buon prezzo. Le edizioni Salani (1862-1986) Ada Gigli Marchetti 2011-03-08T00:00:00+01:00 1615.47

How Substitutable is Natural Capital? Anil Markandya 2005 One of the recurring themes in the sustainability literature has been the legitimacy of using an economic framework to account for natural resources. This paper examines the potential for substituting between different inputs in the generation of income, where the inputs include natural resources such as land and energy resources. A nested constant elasticity of substitution (CES) production function is used to allow flexibility in the estimated elasticities of substitution. Also, with this specification, natural resources and other inputs are combined in different levels of the function, thus allowing for different levels of substitutability. Institutional and economic indicators are also incorporated in the production function estimated. Results show that the elasticities derived from functions involving land resources were generally around one or greater, implying a fairly high degree of substitutability. Furthermore, changes in trade openness and private sector investment have a statistically significant and direct relationship with income generation. No statistically significant relationship between income and any of the institutional indicators was found.

Oracle WebLogic Server 12c Advanced Administration Cookbook Dalton Iwazaki 2013-01-01 Using real life problems and simple solutions this book will make any issue seem small. WebLogic Server books can be a bit dry but Dalton keeps the tone light and ensures no matter how complex the problem you always feel like you have someone right there with you helping you along. This book is ideal for those who know the basics of WebLogic but want to dive deeper and get to grips with more advanced topics. So if you are a datacenter operator, system administrator or even a Java developer this book could be exactly what you are looking for to take you one step further with Oracle WebLogic Serv.

The Java EE 7 Tutorial Eric Jendrock 2014-05-02 The Java EE 7 Tutorial: Volume 2, Fifth Edition, is a

task-oriented, example-driven guide to developing enterprise applications for the Java Platform, Enterprise Edition 7 (Java EE 7). Written by members of the Java EE documentation team at Oracle, this book provides new and intermediate Java programmers with a deep understanding of the platform. This guide includes descriptions of platform features and provides instructions for using the latest versions of NetBeans IDE and GlassFish Server Open Source Edition. The book introduces Enterprise JavaBeans components, the Java Persistence API, the Java Message Service (JMS) API, Java EE security, transactions, resource adapters, Java EE Interceptors, Batch Applications for the Java Platform, and Concurrency Utilities for Java EE. The book culminates with three case studies that illustrate the use of multiple Java EE 7 APIs.

Organic Electroluminescent Materials and Devices

Seizo Miyata 1997-07-16 Reports on the progress in organic materials that can glow a number of different colors; may soon be used in a number of applications such as panel displays, backlights of liquid crystal displays, indicator lights, light sources for optical communication, watches, toys, and microwave ovens; and has already been used in a prototype of a 40-inch color plasma display panel. The topics include electron processes in organic electroluminescence, making polymer light-emitting diodes with polythiophenes, electroluminescence and photoluminescence in fullerenes, chelate metal complexes, white-light-emitting diodes, the growth and characterization of display devices using vacuum-deposited organic materials. and novel fabrication techniques for devices. Annotation copyrighted by Book News, Inc., Portland, OR

Mastering Hibernate

Ramin Rad 2016-05-16 Learn how to correctly utilize the most popular Object-Relational Mapping tool for your Enterprise application About This Book Understand the internals of Hibernate and its architecture, and how it manages Entities, Events, Versioning, Filters, and Cache Observe how Hibernate bridges the gap between object-oriented concepts and relational models Discover how Hibernate can address architectural concerns such as Transaction, Database Multi-tenancy, Clustering, and Database Shards Who This Book Is For Mastering Hibernate is intended for those who are already using or considering using Hibernate as the solution to address the problem of Object Relational Mapping. If you are already using Hibernate, this book will help you understand the internals and become a power user of Hibernate. What You Will Learn Understand the internals of a Hibernate session and how Entities are managed Declare better mapping between entity classes and database tables Manage entity associations and collections Fetch data not just by entity ID, but also using HQL, Criteria Objects, Filters, and Native SQL Observe the first and second level caches and find out how to manage them Collect statistics and metrics data for further observation Make your application work with multi-tenant databases In Detail Hibernate has been so successful since its inception that it even influenced the Java Enterprise Edition specification in that the Java Persistence API was dramatically changed to do it the Hibernate way. Hibernate is the tool that solves the complex problem of Object Relational Mapping. It can be used in both Java Enterprise applications as well as .Net applications. Additionally, it can be used for both SQL and NoSQL data stores. Some developers learn the basics of Hibernate and hit the ground quickly. But when demands go beyond the basics, they take a reactive approach instead of learning the fundamentals and core concepts. However, the secret to success for any good developer is knowing and understanding the tools at your disposal. It's time to learn about your tool to use it better This book first explores the internals of Hibernate by discussing what occurs inside a Hibernate session and how Entities are managed. Then, we cover core topics such as mapping, querying, caching, and we demonstrate how to use a wide range of very useful annotations. Additionally, you will learn how to create event listeners or interceptors utilizing the improved architecture in the latest version of Hibernate. Style and approach This book takes a close look at the core topics, and helps you understand the complex topics by showing you examples and giving you in-depth discussions.

New Methodologies and Techniques for a Sustainable Organic Chemistry

Alessandro Mordini 2008-04-17 Chemical industries have to face the challenge of finding adequate processes to produce large quantities of new products, while at the same time decreasing both the impact on the environment and the risk of disaster. This book addresses this challenge. It discusses the problems of environmentally benign organic processes on an interdisciplinary approach. The book features experts in selective catalysis, development of new reagents and methods who present their recent results.

Delirium National Institute for Health and Clinical Excellence (Great Britain) 2010

Getting Started with Oracle WebLogic Server 12c Fabio Mazanatti Nunes 2013 Getting Started with Oracle WebLogic Server 12c is a fast-paced and feature-packed book, designed to get you working with Java EE 6, JDK 7 and Oracle WebLogic Server 12c straight away, so start developing your own applications.Getting Started with Oracle WebLogic Server 12c: Developer's Guide is written for developers who are just getting started, or who have some experience, with Java EE who want to learn how to develop for and use Oracle WebLogic Server. Getting Started with Oracle WebLogic Server 12c: Developer's Guide also provides a great overview of the updated features of the 12c release, and how it

integrates Java EE 6 and JDK 7 to remove boilerplate code.

Clinical Guide to Cardiology Christian Fielder Camm 2016-03-07 Clinical Guide to Cardiology is a quick-reference resource, packed full of bullet points, diagrams, tables and algorithms for the key concepts and facts for important presentations and conditions within cardiology. It provides practical, evidence-based information on interventions, investigations, and the management of clinical cardiology. Key features include: A clear evidence-base providing key guidelines and clinical trials in each chapter Coverage of examination techniques, common conditions, imaging modalities (including ECGs, chest X-rays, MRI and CT), interventional therapies, and pharmacology A companion website at www.wiley.com/go/camm/cardiology featuring audio clips, developed for differing levels of knowledge, that explain key concepts or an area in greater detail, as well as numerous additional clinical case studies, audio scripts, and self-assessment material

Securing WebLogic Server 12c Luca Masini 2012 This book is written in simple, easy to understand format with lots of screenshots and step-by-step explanations. If you are a WebLogic Server administrator looking forward to a step by step guide to administer and configure WebLogic security, then this is the guide for you. Working knowledge of WebLogic is required.

Linked Data Tom Heath 2011 The World Wide Web has enabled the creation of a global information space comprising linked documents. As the Web becomes ever more enmeshed with our daily lives, there is a growing desire for direct access to raw data not currently available on the Web or bound up in hypertext documents. Linked Data provides a publishing paradigm in which not only documents, but also data, can be a first class citizen of the Web, thereby enabling the extension of the Web with a global data space based on open standards - the Web of Data. In this Synthesis lecture we provide readers with a detailed technical introduction to Linked Data. We begin by outlining the basic principles of Linked Data, including coverage of relevant aspects of Web architecture. The remainder of the text is based around two main themes - the publication and consumption of Linked Data. Drawing on a practical Linked Data scenario, we provide guidance and best practices on: architectural approaches to publishing Linked Data; choosing URIs and vocabularies to identify and describe resources; deciding what data to return in a description of a resource on the Web; methods and frameworks for automated linking of data sets; and testing and debugging approaches for Linked Data deployments. We give an overview of existing Linked Data applications and then examine the architectures that are used to consume Linked Data from the Web, alongside existing tools and frameworks that enable these. Readers can expect to gain a rich technical understanding of Linked Data fundamentals, as the basis for application development, research or further study. Table of Contents: List of Figures / Introduction / Principles of Linked Data / The Web of Data / Linked Data Design Considerations / Recipes for Publishing Linked Data / Consuming Linked Data / Summary and Outlook

The Genus Iris L. G. I. Rodionenko 1987

Illustrators Annual 2020 Bologna Children's Bologna Children's Book Fair 2020-10-20 Illustrators Annual 2020 is the 2020 edition of Chronicle Books' yearly publication celebrating artists featured at the Bologna Children's Book Fair. Selected by the year's jury at the fair, these illustrators represent the most daring, exciting artistic minds working across the world. Celebrating debut and storied talent from around the world--talent poised to engage a whole new generation of book lovers--this glorious compendium can be read cover-to-cover or browsed through at random. * An annual publication that brings groundbreaking art from around the world to the English-speaking market * Inspires readers to marvel at the brilliance of the gifts shared by children's book illustrators * Provides a fascinating peek into the world of global children's book illustration A highlight of the time-honored gathering of children's publishers in Bologna, Italy, the Illustrators Annual is juried every year from the finest art at the show. Every year a new issue is published, each filled with art that represents the best of illustration today--and to come. * A must-have inspirational source for illustrators, artists, designers, and art fans alike, as well as educators, librarians, independent bookstore employees, and hardcore fans of children's books * The Bologna Illustrators Annual has long been a prized resource for artists, illustrators, and designers. * Great for those who enjoyed Illustrating Children's Books: Creating Pictures for Publication by Martin Salisbury, Writing Picture Books: A Hands-On Guide From Story Creation to Publication by Ann Whitford Paul, A Poem for Peter: The Story of Ezra Jack Keats and the Creation of The Snowy Day by Andrea Davis Pinkney

Oracle Business Intelligence Enterprise Edition 12c Adrian Ward 2017-04-20 A comprehensive guide from Oracle experts, that will act as your single point of reference for building an Oracle BI 12c system that turns data in actionable insight. About This Book Come, start your first Oracle Business intelligence system and excel in BI with this exhaustive guide An all-encompassing guide for your Oracle business intelligence needs Learn from the self-paced professional guidance and implement Oracle business intelligence using this easy-to-follow guide by our experts Who This Book Is For If your job includes working on data, improving the financial or operational performance of your organization or you are a consultant for the above, then this book is for

you. If you have been placed on a business intelligence project, then this book is for you. If you are the Project Manager, Business Analyst or Data Scientist then this book is for you. If you are an end user of Oracle Business Intelligence, then this book is for you too. Having a basic understanding of databases and the use of Business Intelligence is expected, but no knowledge of Oracle BI is required. What You Will Learn Install OBIEE in Windows, including how to create the underlying Weblogic Application server and the required database Build the BI system repository, the vital engine connecting your data to the front end of Oracle BI Develop effective analysis, draw out meaning from the data, and present it to end users on interactive dashboards Build pixel-perfect, printable reports using the embedded BI Publisher feature Build agents for actionable insight and enable your users to act on Business Intelligence at their desktop or on the move Understand the various aspects of securing the Oracle BI system, from data restrictions to whole dashboard access rights Get acquainted with the system management tools and methods available for the continuous improvement of your system In Detail Oracle Business Intelligence Enterprise Edition (OBIEE) 12c is packed full of features and has a fresh approach to information presentation, system management, and security. OBIEE can help any organization to understand its data, to make useful information from data, and to ensure decision-making is supported by facts. OBIEE can focus on information that needs action, alerting users when conditions are met. OBIEE can be used for data analysis, form production, dashoarding, and workflow processes. We will introduce you to OBIEE features and provide a step-by-step guide to build a complete system from scratch. With this guide, you will be equipped with a good basic understanding of what the product contains, how to install and configure it, and how to create effective Business Intelligence. This book contains the necessary information for a beginner to create a high-performance OBIEE 12c system. This book is also a guide that explains how to use an existing OBIEE 12c system, and shows end users how to create. Style and approach This book will take you from one feature to another in a step-by-step manner and will teach how you can create effective business intelligence using Oracle Business Intelligence Enterprise Edition. You will be taught how to create BI solutions and dashboards from scratch. There will be multiple modules in the book, each module spread in chapters, that will cover one aspect of business intelligence in a systematic manner.

Handbook of Depression and Anxiety Siegfried Kasper 2003-04-18 Features new to the second edition of this handbook include measurement scales used in research, breakthroughs in pharmacogenomics, epidemiology, genetics, psychophysiology and pharmacology, and enhanced therapeutic strategies

and outcome measures for patient care and management.

Business Models for the Circular Economy Opportunities and Challenges for Policy OECD 2019-04-03 Natural resources, and the materials derived from them, represent the physical basis for the economic system. Recent decades have witnessed an unprecedented growth in demand for these resources, which has triggered interest from policy makers in transitioning to a more resource efficient and ...

Oracle WebLogic Server 12c Administration I Exam 1Z0-133 Gustavo Garnica 2017-12-15 Use this comprehensive guide to study for the Oracle WebLogic Server 12c Administration I Exam 1Z0-133. This book is a unique introductory resource to the WebLogic Server certification for new Oracle Fusion Middleware administrators and a valuable resource for veteran WebLogic Server administrators seeking to update their skills for the 12c certification topics. It is common sense that passing a certification exam requires a good command of the subject matter, understanding the intricacies surrounding its practice, and having sufficient experience working with the concepts. This book aims to accelerate the process by providing an accurate review of all exam topics, suggesting hands-on practices to gain or reinforce experience working with WebLogic Server, and introducing questions to help candidates become familiar with the format and style of questions found on the actual certification exam. Oracle WebLogic Server 12c Administration I Exam 1Z0-133 covers the associate level certification with Oracle. Although not dedicated to exam 1Z0-599, the guide is also a valuable foundational resource for those preparing for WebLogic Server 12c implementation specialist level certification. This book: Inspects the certification topics in the order that you would likely follow in an on-the-job middleware infrastructure project Is a great resource for candidates preparing for the certification, who are unable to start with live or personally-assisted training Is a great starting point for those pursuing advanced Oracle WebLogic Server certifications What You'll Learn Cover all topics on the certification exam 1Z0-133 Become familiar with the types and format of questions on the certification exam Understand and properly describe Oracle WebLogic Server domains and clusters Install, configure, maintain, and monitor Oracle WebLogic Server Deploy and manage applications on Oracle WebLogic Server Discover how to use new administration features of Oracle WebLogic Server 12c Who This Book Is For Certified Oracle WebLogic administrators seeking to update their Oracle WebLogic Server credentials, as well as experienced WebLogic Server administrators seeking to earn certification for the first time. Non-Oracle administrators seeking to earn a WebLogic Server certification will also find this book useful.

Data Envelopment Analysis William W. Cooper 2007-01-10 This volume systematically details both the basic principles and new developments in Data Envelopment Analysis (DEA), offering a solid understanding of the methodology, its uses, and its potential. New material in this edition includes coverage of recent developments that have greatly extended the power and scope of DEA and have lead to new directions for research and DEA uses. Each chapter accompanies its developments with simple numerical examples and discussions of actual applications. The first nine chapters cover the basic principles of DEA, while the final seven chapters provide a more advanced treatment.

Oracle WebLogic Server 12c Administration Handbook Sam R. Alapati 2014-05-16 Best Practices for Oracle WebLogic Server 12c Configuration and Administration Maintain a high-performance enterprise application framework using the detailed information in this authoritative resource. Through expert instruction and real-world examples, Oracle WebLogic Server 12c Administration Handbook fully explains the latest management tools and techniques. Learn how to work from the Oracle WebLogic Server Administration Console or command line, configure servers and clusters, deploy applications, and optimize application performance. Tuning, troubleshooting, and load balancing are thoroughly covered in this Oracle Press guide. Install Oracle WebLogic Server 12c or perform an upgrade Manage domains, server instances, networks, and virtual hosts Work with the WebLogic Scripting Tool feature and Node Manager Build custom network channels and resource adapters Monitor performance with the WebLogic Diagnostics Framework feature Prioritize requests using Oracle WebLogic Server Work Managers Configure Oracle WebLogic clusters and migrate servers and services Deploy web applications, Enterprise JavaBeans, and Java EE modules Establish security realms and authenticate and authorize users Allocate memory, optimize throughput, and tune the Java Virtual Machine

Global Trade Analysis Thomas Warren Hertel 1997 This book, drawn from the Global Trade Analysis Project (GTAP), aims to help readers conduct quantitative analysis of international trade issues in an economy-wide framework. In addition to providing a succinct introduction to the GTAP modeling framework and data base, this book contains seven of the most refined GTAP applications undertaken to date, covering topics ranging from trade policy, to the global implications of environmental policies, factor accumulation and technological change.

ECIE 2017 12th European Conference on Innovation and Entrepreneurship Christophe Lou⃞ 2017-09-21 Self-Healing Cementitious Materials Ghasan Fahim Huseien 2022-05-03 Climate change is anticipated to have a major impact on concrete structures through increasing rates of deterioration and the impact of extreme weather events. The repair of any damage will be highly labor-intensive and expensive. Self-healing cementitious materials can enable the construction industry to mitigate these effects and move toward greater sustainability, safety, and increased cost savings and efficiency. This book: Examines concrete structures based on various materials with self-repair capability and their implications for future use in sustainable projects. Discusses advantages and design strategies of self-healing concretes. Covers several effective and detailed self-repair methods, with comparative analysis of the advantages and disadvantages of each method. Examines the use of various materials, including polymers and nanomaterials. Reviews factors affecting performance, properties, and applications. Delves into future directions and opportunities. Written for researchers, advanced students, and industry professionals, Self-Healing Cementitious Materials: Technologies, Evaluation Methods, and Applications offers a detailed view of an important emerging technology in materials science, civil engineering, and related fields.

Assistive Technology: From Research to Practice P. Encarna⃞ ⃞ o 2013-09-09 Assistive Technology (AT) is an umbrella term indicating any product or technology-based service that enables people of all ages with activity limitations in their daily life, education, work or leisure. It is a highly interdisciplinary field, encompassing research, development, manufacture, supply, provision and policy. This book presents the proceedings of the 12th biennial European conference of the Association for the Advancement of Assistive Technology in Europe, AAATE 2013, held in Vilamoura, Portugal, in September 2013. The full papers included here cover a diverse range of subjects, including: ageing, disability and technology; accessibility in Europe; ambient assisted living; AT and Cloud computing; communication access for all; monitoring and telecare; and user perspective, to name but a few. The aim of the AAATE conference is to promote a more effective dialogue between manufacturers, researchers, developers, professionals and end users, and this book will be of interest to all those directly or indirectly involved in the field of AT.

Fundamentals of Telemedicine and Telehealth Shashi Bhushan Gogia 2019-10-27 Fundamentals of Telemedicine and Telehealth provides an overview on the use of information and communication technologies (ICTs) to solve health problems, especially for people living in remote and underserviced areas. With the advent of new technologies and improvement of internet connectivity, telehealth has become a new subject requiring a new understanding of IT devices and how to utilize them to fulfill health needs. The book discusses topics such as digitizing patient information, technology requirements, existing

resources, planning for telehealth projects, and primary care and specialized applications. Additionally, it discusses the use of telemedicine for patient empowerment and telecare in remote locations. Authored by IMIA Telehealth working group, this book is a valuable source for graduate students, healthcare workers, researchers and clinicians interested in using telehealth as part of their practice or research. Presents components of healthcare that can be benefitted from remote access and when to rely on them Explains the current technologies and tools and how to put them to effective use in daily healthcare Provides legal provisions for telehealth implementation, discussing the risks of remote healthcare provision and cross border care

A Guide to the Latin American Art Song Repertoire Maya Hoover 2010-04-29 A reference guide to the vast array of art song literature and composers from Latin America, this book introduces the music of Latin America from a singer's perspective and provides a basis for research into the songs of this richly musical area of the world. The book is divided by country into 22 chapters, with each chapter containing an introductory essay on the music of the region, a catalog of art songs for that country, and a list of publishers. Some chapters include information on additional sources. Singers and teachers may use descriptive annotations (language, poet) or pedagogical annotations (range, tessitura) to determine which pieces are appropriate for their voices or programming needs, or those of their students. The guide will be a valuable resource for vocalists and researchers, however familiar they may be with this glorious repertoire.

Getting Started with Oracle WebLogic Server 12c: Developer's Guide Fabio Mazanatti Nunes 2013-09-23 Getting Started with Oracle WebLogic Server 12c is a fast-paced and feature-packed book, designed to get you working with Java EE 6, JDK 7 and Oracle WebLogic Server 12c straight away, so start developing your own applications.Getting Started with Oracle WebLogic Server 12c: Developer's Guide is written for developers who are just getting started, or who have some experience, with Java EE who want to learn how to develop for and use Oracle WebLogic Server. Getting Started with Oracle WebLogic Server 12c: Developer's Guide also provides a great overview of the updated features of the 12c release, and how it integrates Java EE 6 and JDK 7 to remove boilerplate code.

Engineering Geology for Society and Territory - Volume 5 Giorgio Lollino 2014-08-25 This book is one out of 8 IAEG XII Congress volumes, and deals with the theme of urban geology. Along with a rapidly growing world population, the wave of urban growth continues, causing cities to swell and new metropolitan centers to emerge. These global trends also open new ventures for underground city development. Engineering geology plays a major role in facing the increasing issues of the urban environment, such as: finding aggregates for construction works; providing adequate water supply and waste management; solving building problems associated to geological and geomorphological conditions; evaluating host rock conditions for underground constructions; preventing or mitigating geological and seismic hazards. Furthermore, this book illustrates recent advancements in sustainable land use planning, which includes conservation, protection, reclamation and landscape impact of open pit mining and alternative power generation. The Engineering Geology for Society and Territory volumes of the IAEG XII Congress held in Torino from September 15-19, 2014, analyze the dynamic role of engineering geology in our changing world and build on the four main themes of the congress: environment, processes, issues and approaches. The congress topics and subject areas of the 8 IAEG XII Congress volumes are: 1. Climate Change and Engineering Geology 2. Landslide Processes River Basins 3. Reservoir Sedimentation and Water Resources 4. Marine and Coastal Processes Urban Geology 5. Sustainable Planning and Landscape Exploitation 6. Applied Geology for Major Engineering Projects 7. Education, Professional Ethics and Public Recognition of Engineering Geology 8. Preservation of Cultural Heritage

Landslide Science and Practice Claudio Margottini 2013-08-13 This book contains peer-reviewed papers from the Second World Landslide Forum, organised by the International Consortium on Landslides (ICL), that took place in September 2011. The entire material from the conference has been split into seven volumes, this one is the seventh: 1. Landslide Inventory and Susceptibility and Hazard Zoning, 2. Early Warning, Instrumentation and Monitoring, 3. Spatial Analysis and Modelling, 4. Global Environmental Change, 5. Complex Environment, 6. Risk Assessment, Management and Mitigation, 7. Social and Economic Impact and Policies.

The Growth of Firms Alex Coad 2009-01-01 Research into firm growth has been accumulating at a terrific pace, and Alex Coad s survey of this multifaceted field provides a detailed, comprehensive overview of the latest developments. Much progress has been made in empirical research into firm growth in recent decades due to factors such as the availability of detailed longitudinal datasets, more powerful computers and new econometric techniques. This book provides an up-to-date catalogue of empirical work, as well as a coherent theoretical structure within which these new results can be interpreted and understood. It brings together a large body of recent research on firm growth from a multidisciplinary perspective, providing an up-to-date synthesis of stylized facts and empirical regularities. Numerous empirical findings and theories of firm growth are also surveyed and compared in order to

evaluate their validity. Drawing on a vast and diverse body of research, this book will prove invaluable to students, academics, policy makers and practitioners with a need to keep abreast of studies in industrial organization, firm growth and management.

Handedness and Brain Asymmetry Marian Annett 2013-04-15 Brain asymmetry for speech is moderately related to handedness but what are the rules? Are symmetries for hand and brain associated with characteristics such as intelligence, motor skill, spatial reasoning or skill at sports? In this follow up to the influential Left, Right Hand and Brain (1985) Marian Annett draws on a working lifetime of research to help provide answers to crucial questions. Central to her argument is the Right Shift Theory - her original and innovative contribution to the field that seeks to explain the relationships between left-and right-handedness and left-and right-brain specialisation. The theory proposes that handedness in humans and our non-human primate relations depends on chance but that chance is weighted towards right-handedness in most people by an agent of right-hemisphere disadvantage. It argues for the existence of a single gene for right shift (RS+) that evolved in humans to aid the growth of speech in the left hemisphere of the brain. The Right Shift Theory has possible implications for a wide range of questions about human abilities and disabilities, including verbal and non verbal intelligence, educational progress and dyslexia, spatial reasoning, sporting skills and mental illness. It continues to be at the cutting edge of research, solving problems and generating new avenues of investigation - most recently the surprising idea that a mutant RS+ gene might be involved in the causes of schizophrenia and autism. Handedness and Brain Asymmetry will make fascinating reading for students and researchers in psychology and neurology, educationalists, and anyone with a keen interest in why people have different talents and weaknesses.

Polymer Processing Instabilities Savvas G. Hatzikiriakos 2004-11-30 Polymer Processing Instabilities: Control and Understanding offers a practical understanding of the various flows that occur during the processing of polymer melts. The book pays particular attention to flow instabilities that affect the rate of production and the methods used to prevent and eliminate flow instabilities in order to increase production rates and enhance manufacturing efficiency. Polymer Processing Instabilities: Control and Understanding summarizes experimental observations of flow instabilities that occur in numerous processing operations such as extrusion, injection molding, fiber spinning, film casting, and film blowing for a wide range of materials, including most commodity polymers that are processed as melts at temperatures above their melting point or as concentrated solutions at lower temperatures. The book first presents the fundamental principles in rheology and flow instabilities. It relates the operating conditions with flow curves, the critical wall shear stress for the onset of the instabilities, and new visualization techniques with numerical modeling and molecular structure. It reviews one-dimensional phenomenological relaxation/oscillation models describing the experimental pressure and flow rate oscillations, analyzes the gross melt fracture (GMF) instability, and examines how traditional and non-traditional processing aids eliminate melt fracture and improve polymer processability. It supplies a numerical approach for the investigation of the linear viscoelastic stability behavior of simplified injection molding flows and examines a newly discovered family of instabilities that occur in co-extrusion. Polymer Processing Instabilities: Control and Understanding is unique in that it fills a gap in the polymer processing literature where polymer flow instabilities are not treated in-depth in any book. It summarizes state-of-the-art developments in the field, particularly those of the last ten years, and contains significant data based on this research.

Dietary Phytochemicals and Microbes Amlan K. Patra 2012-03-21 Humans have utilized the bioactive principles of different plants for various beneficial physiological properties including antimicrobial properties for many centuries. However, interests of using medicinal plants declined in the 20th century with the availability of effective synthetic antimicrobial drugs. The development of microbial resistance to various drugs has accelerated research interests towards the use of phytochemicals as alternatives to synthetic drugs in the recent years. This book presents an comprehensive reviews on the antimicrobial and antiviral properties of numerous recently reported phytochemicals, and their mechanisms of antimicrobial actions. Some of the chapters have critically discussed the beneficial and adverse effects of antibacterial, and stimulatory activities of dietary phytochemicals on rumen microbial populations, and gut microbial populations of humans and animals. Microbial adaptation and resistance of microbes to phytochemicals has also been highlighted. On the applied apects, the use of phytochemicals against drug resistance microbes, to treat microbial diseases, for food preservation, to inhibit methanogenic archaea in the rumen, and to modulate lipid biohydrogenating microbial populations to increase conjugated linoleic acids in animal-derived foods have been presented in different chapters.

The Java EE 6 Tutorial Eric Jendrock 2013-01-07 The Java EE 6 Tutorial: Advanced Topics, Fourth Edition, is a task-oriented, example-driven guide to developing enterprise applications for the Java Platform, Enterprise Edition 6 (Java EE 6). Written by members of the Java EE 6 documentation team at Oracle, this book provides new and intermediate Java programmers with a deep understanding of the

platform. This guide—which builds on the concepts introduced in The Java EE 6 Tutorial: Basic Concepts, Fourth Edition—contains advanced material, including detailed introductions to more complex platform features and instructions for using the latest version of the NetBeans IDE and the GlassFish Server, Open Source Edition. This book introduces the Java Message Service (JMS) API and Java EE Interceptors. It also describes advanced features of JavaServer Faces, Servlets, JAX-RS, Enterprise JavaBeans components, the Java Persistence API, Contexts and Dependency Injection for the Java EE Platform, web and enterprise application security, and Bean Validation. The book culminates with three new case studies that illustrate the use of multiple Java EE 6 APIs.

Spring Integration Essentials Chandan Pandey 2015-02-20 This book is intended for developers who are either already involved with enterprise integration or planning to venture into the domain. Basic knowledge of Java and Spring is expected. For newer users, this book can be used to understand an integration scenario, what the challenges are, and how Spring Integration can be used to solve it. Prior experience of Spring Integration is not expected as this book will walk you through all the code examples.