

C Pocket Telecomunicazioni Didattica Software Aerospaziale E Processi Industriali Con C Questo E Molto Altro

This publication outlines the performance of the Asian Development Bank (ADB) in achieving the goals of Strategy 2030, the institution's long-term strategic framework. It is the 13th in a series of annual reports that tracks development progress in Asia and the Pacific, assesses ADB's development effectiveness over the years, and identifies areas where the institution's performance needs to be further strengthened.

Vesuvius, Campi Flegrei, and Campanian Volcanism communicates the state-of-the-art scientific knowledge on past and active volcanism in an area characterized by elevated risk due to high-density population. Eruptions, lahars and poisonous gas clouds have killed many thousands of people over recorded history, but volcanoes have given people some of the most fertile soil known in agriculture. The research presented in this book is useful for policymakers and researchers from these and other countries who are looking for risk assessment and volcanic evolution models they can apply to similar situations around the world. Naples and its surrounding area, in particular, the area situated between Vesuvius and the Campi Flegrei volcanic area has a population in excess of 4 million people. The volcanic areas that have similarly large populations in proximity to dormant, but hazardous volcanoes, i.e., Indonesia and Central America can also benefit from this work. Covers the fundamental science of volcanoes, including new developments in the last decade relating to the use of crystals and melt inclusions to model the nature and evolution of volatiles Includes the latest research on volcanism in Southern Italy that is presented as a case study for active and inactive volcanoes across the globe Presents research that is applicable around the world, for people, scientists and policymakers living on, or near, active volcanoes

There is a growing interest in activity theory across behavioral and social sciences. Activity theory has a very rich and solid heritage in the works of Vygotsky, Luria, and Leont'ev. The development of activity theory depends on the understanding of this heritage. However, this literature is very demanding and often proves inaccessible to new generations of scholars who want to pursue empirical studies. How can students and young researchers be helped to engage with this heritage as they carry out their inquiries in various social practices? This book provides researchers with an accessible text that also supports the use of the classic tradition of activity theory.

One of the nation's foremost experts on architecture discusses the role of style in the "language" of the discipline, and shows how Frank Gehry, Mies van der Rohe, Allan Greenberg, and others are influenced by it.

Japan has a way of thinking that is just...different. Nowhere is this more apparent than in Tokyo-born journalist Lisa Katayama's collection of urawaza (a Japanese word for secret lifestyle tricks and techniques). Want to turbocharge your sled? Spray the bottom with nonstick cooking spray. Can't find someone to water your plants while you're away? Place the plant on a water-soaked diaper, so it slowly absorbs water over time. The subject of popular TV shows and numerous books in Japan, these unusually clever solutions to everyday problems have never before been published in English—until now! Urawaza collects more than 100 once-secret tricks, offering step-by-step directions and explanations.

Verbal descriptions of life have been around for centuries, but the digital age has made access to those descriptions even more important. Dr. Joel Snyder, an audio description pioneer, has created a book and website offering the first overview of the field, including its history, application to a range of genres, description of training techniques, and list of resources. Audio description brings the visual world to life, making theater productions, television shows, films, visual art and events accessible to people who are blind or have low vision. Describers employ succinct, vivid, imaginative words to convey visual images those with sight take for granted. Although countries worldwide have taken up the cause, the United States has fallen short on research and institutions to study the field. Dr. Snyder's book helps fill in some of those gaps. "For decades, Joel Snyder has combined his astonishing command of language with his keen attention to detail to create word pictures that stir the mind's eye, especially for patrons of the arts whose physical eyes cannot see. [...] His book has been long-awaited, and no doubt will become the standard for prospective audio describers around the world." -Kelsey Marshall, Founding Director of Accessibility, The John F. Kennedy Center for the Performing Arts, Washington, DC Dr. Joel Snyder is known internationally as one of the world's first "audio describers," a pioneer in the field of audio description, making theater events, museum exhibitions, and media accessible to people who are blind or have low vision. Since 1981, he has introduced audio description techniques in 36 states and D.C. and in 35 countries. He holds a PhD in accessibility audio description from the Universitat Autònoma de Barcelona. Dr. Snyder's company, Audio Description Associates, LLC (www.audiodescribe.com) uses audio description to enhance a wide range of arts projects including video and film, museum exhibitions, and live events. As Director of Described Media for the National Captioning Institute, he supervised the production of descriptions for Sesame Street and dozens of feature films and nationally broadcast television; his descriptions can be heard at Smithsonian Institution exhibits, the Getty Museum, the Albright-Knox Gallery, and throughout the country at National Park Service visitor centers. As Director of the American Council of the Blind's Audio Description Project (www.acb.org/adp), Dr. Snyder voiced description for network coverage of President Obama's inauguration in 2009 and 2013, and recently produced the first-ever audio-described tour of The White House. The ADP website is the nation's principal provider of information and resources on audio description.

This excellent addition to the UTiCS series of undergraduate textbooks provides a detailed and up to date description of the main principles behind the design and implementation of modern programming languages. Rather than focusing on a specific language, the book identifies the most important principles shared by large classes of languages. To complete this general approach, detailed descriptions of the main programming paradigms, namely imperative, object-oriented, functional and logic are given, analysed in depth and compared. This provides the basis for a critical understanding of most of the programming languages. An historical viewpoint is also included, discussing the evolution of programming languages, and to provide a context for most of the constructs in use today. The book concludes with two chapters which introduce basic notions of syntax, semantics and computability, to provide a completely rounded picture of what constitutes a programming language. /div

This short open access book investigates the role of renewable energy in East Africa to provide policy-relevant inputs for the achievement of a cost-effective electrification process in the region. For each country, the authors review the current situation in the domestic power sector, adopt a GIS-based approach to plot renewable energy resources potential, and review currently planned projects and projects under development, as well as the key domestic renewables regulations. Based on such information, least-cost 100% electrification scenarios by 2030 are then modelled and comparative results over the required capacity additions and investment are reported and discussed. The authors also inquire into some of the key technological, economic, policy, cooperation, and financing challenges to the development of a portfolio of renewables to promote energy access in a sustainable way, including a discussion of the challenges and opportunities that might stem from the interaction between local RE potential and natural gas resources currently under development in the region. To conclude, policy recommendations based on the book's results and targeted at international cooperation and development institutions, local policymakers, and private stakeholders in the region are elaborated.

"In Small is Possible, Estill chronicles the failures and victories of an ongoing movement for sustainability and local resiliency in Chatham County, located in the piedmont region of North Carolina. Estill is a legitimate source on the subject: he co-founded Piedmont Biofuels, a biodiesel co-op that went from backyard operation into an industrial plant in a few short years. The characters in Estill's world are both entertaining and endearing. Many of them show a flinty defiance, positioning themselves as courageous Daniels against the Goliaths of

corporate greed and globalization. Readers interested in academic arguments for local economies can find other books on the subject, but if they want a compelling story about noble attempts to walk the talk, *Small is Possible* delivers. - Brian Baughan, *Sustainablog* "In an age of increasing globalization, it is hopeful to be reminded that there are still communities where transactions are handled in handshakes rather than receipts. Estill takes us on a loving stroll through his North Carolina neighborhood and shows us how small-scale sustainability - feeding, fueling, and financing locally - is both possible and preferable." - Book Notes, *Orion Magazine* One of my favorite ideas in this book is the idea of open source. Once you let go of this idea that everything must be copyrighted, everything must be owned and protected in order to make money, you become free. Open source ideas quickly foster a more open community, a more open and honest society. A group of people or organizations all start working toward a common goal rather than all working against one another. Beautiful, isn't it? Another beautiful idea is that a community needs a variety of people and businesses to thrive. And that as you begin living locally- and begin working toward a healthy community - people and businesses find their niches. And when you find your own niche within the local economy, your own happiness rises. Your sense of well-being increases when you realize your positive and necessary contribution to society. As we go further into debt and economic security throughout the world, nurturing our small, local, sustainable businesses and infrastructure will become increasingly important. I recommend this book. Reviewed by Melinda on *The Blogging Bookworm* In an era when incomprehensibly complex issues like Peak Oil and climate change dominate headlines, practical solutions at a local level can seem somehow inadequate. In response, Lyle Estill's *Small is Possible* introduces us to "hometown security," with this chronicle of a community-powered response to resource depletion in a fickle global economy. True stories, springing from the soils of Chatham County, North Carolina, offer a positive counterbalance to the bleakness of our age. This is the story of how one small southern US town found actual solutions to actual problems. Unwilling to rely on the government and wary of large corporations, these residents discovered it is possible for a community to feed itself, fuel itself, heal itself, and govern itself. This book is filled with newspaper columns, blog entries, letters, and essays that have appeared on the margins of small-town economies. Tough subjects are handled with humor and finesse. Compelling stories of successful small businesses, from the grocery co-op to the biodiesel co-op, describe a town and its people on a genuine quest for sustainability. Everyone interested in sustainability, local economy, small business, and whole foods will be inspired by the success stories in this book.

Besides covering the most recently released versions of GCC, this book provides a complete command reference, explains how to use the info online help system, and covers material not covered in other texts, including profiling, test coverage, and how to build and install GCC on a variety of operating system and hardware platforms. It also covers how to integrate with other GNU development tools, including automake, autoconf, and libtool.

This two-volume set LNAI 12748 and 12749 constitutes the refereed proceedings of the 22nd International Conference on Artificial Intelligence in Education, AIED 2021, held in Utrecht, The Netherlands, in June 2021.* The 40 full papers presented together with 76 short papers, 2 panels papers, 4 industry papers, 4 doctoral consortium, and 6 workshop papers were carefully reviewed and selected from 209 submissions. The conference provides opportunities for the cross-fertilization of approaches, techniques and ideas from the many fields that comprise AIED, including computer science, cognitive and learning sciences, education, game design, psychology, sociology, linguistics as well as many domain-specific areas. *The conference was held virtually due to the COVID-19 pandemic.

Biorefineries compiles the basic science and technologies used to convert terrestrial and aquatic biomass into essential molecular compounds and polymeric materials. The book provides in depth insights into this fairly recent concept of industrial chemistry that aims to achieve optimal economic profits while minimizing the environmental impact. Chapters written by renowned experts cover, amongst others, the application of catalysis, downstream processing, biomass sourced olefins, lignin biorefinery techniques and biogas. The authors thoroughly examine and explain the value chain for biomass conversion into platform molecules and their transformation into final products. A comprehensive thematic overview on the topic giving beginners access to fundamental concepts is presented. Supplemented by numerous full color figures and tables, the contents impart knowledge about the involved techniques. Advanced students and experts in the field will find the summary of state-of-the-art research and current literature of valuable interest. Explores the enormous potential of biomass conversion as a future source for fuels and chemicals Focuses on both general scientific background and current innovations in the field of biorefinery Targets students and researchers in Chemistry, Chemical Engineering, Biotechnology, and Materials Science About the Editors Prof. Michele Aresta, Chair of the Scientific Committee of CIRCC in Italy and holds the IMM Chair at the Department of Chemical and Biomolecular Engineering at NUS, Singapore. He is author of over 200 papers and Author or Editor of nine books. Prof. Angela Dibenedetto, Associate Professor at the Department of Chemistry of the University of Bari (Italy) focused on carbon dioxide utilization by applying biorefinery concepts; and Director of the Interuniversity Consortium on Chemical Reactivity and Catalysis-CIRCC. Prof. Franck Dumeignil, Deputy Director of the CNRS joint Unit of Catalysis and Chemistry of Solid (UCCS) of Lille University (France); project coordinator of several projects on chemistry, including the EuroBioRef Project for designing next generation biorefineries.

This book aims to improve the design and organization of innovative laboratory practices and to provide tools and exemplary results for the evaluation of their effectiveness, adequate for labwork in order to promote students' scientific understanding in a variety of countries. The papers are based on research and developmental work carried out in the context of the European Project "Labwork in Science Education" (LSE). This substantial and significant body of research is now made available in English.

Recoge: 1. Introduction - 2. Methodology and data issues - 3. Employment trends by 2020 - 4. Policy implications - 5. Conclusions. This open access book presents a picture of the current energy challenges on the African continent (and the Sub-Saharan region in particular) and proposes pathways to an accelerated energy transition. Starting with an analysis of the status quo and the outlook for Africa's energy demand and energy access, it provides an account of the available resources, including hydrocarbons and renewable energy resources, which are playing an increasingly crucial role. It then moves on to analyze the level of investment required to scale-up Africa's energy systems, shedding light on the key barriers and elaborating on potential solutions. It also provides a suggestion for improving the effectiveness of EU-Africa cooperation. While mainly intended for policymakers and academics, this book also speaks to a broader audience interested in gaining an overview of the challenges and opportunities of the African energy sector today and in the future.

The need for flexibility and globalization forces enterprises to decentralize their activities and continuously (re)structure their networks of relationships regarding both their productive "supply chains" and their design and innovation processes. The goal of the ArtDeco project, funded by the Italian Ministry of Education and Scientific Research under the FIRB program (funding for basic research), has been to address these issues by proposing solutions from three main perspectives: the organizational perspective aimed at studying how companies work in a network and how their design processes can benefit from collaboration with other companies; the informational perspective focusing on how to acquire relevant knowledge from unstructured information and processes and on how to organize and manage such knowledge; and the infrastructural perspective focusing on understanding how self-adaptive workflows and software systems can help in supporting the dynamic interconnection of enterprises. The book contains a collection of papers offering an overview of the main results produced by the ArtDeco project. It has been structured into the following four main parts: organizational issues: methodologies, empirical contexts and policies; software methodologies

and technologies; knowledge elicitation and management; and management of peripheral devices. It also includes a case study used throughout the book as a reference example.

"A Genealogy of Modern Architecture" is a reference work on modern architecture by Kenneth Frampton, one of today's leading architectural theorists. Conceived as a genealogy of twentieth century architecture from 1924 to 2000, it compiles some sixteen comparative analyses of canonical modern buildings ranging from exhibition pavilions and private houses to office buildings and various kinds of public institutions. The buildings are compared in terms of their hierarchical spatial order, circulation structure and referential details. The analyses are organized so as to show what is similar and different between two paired types, thus revealing how modern tradition has been diversely inflected. Richly illustrated, "A Genealogy of Modern Architecture" is a new standard work in architectural education.

Everything you need to know to start creating native applications for the iPhone and iPod Touch The iPhone SDK and the Xcode tools are the official Apple tools used for creating native iPhone applications. This information-packed book presents a complete introduction to the iPhone SDK and the Xcode tools, as well as the Objective-C language that is necessary to create these native applications. Solid coverage and real-world examples walk you through the process for developing mobile applications for the iPhone that can then be distributed through Apple's iTunes Application store. The hands-on approach shows you how to develop your first iPhone application while getting you acquainted with the iPhone SDK and the array of Xcode tools. A thorough tutorial on the features and syntax of the Objective-C language helps you get the most out of the iPhone SDK, and an in-depth look at the features of the iPhone SDK enables you to maximize each of these features in your applications. Provides an introductory look at how the iPhone SDK and Xcode tools work with the Objective-C language to create native iPhone applications Familiarizes you with the latest version of the iPhone SDK and the newest Xcode tools that ship with Snow Leopard Walks you through developing your first iPhone applications Focuses on the features and syntax of the Objective-C language so that you can get the most out of the iPhone SDK With this hands-on guide, you'll quickly get started developing applications for the iPhone with both the iPhone SDK and the latest Xcode tools. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Anita Lahey's second collection, *Spinning Side Kick*, is a hard-knuckled look at the other half. These lively poems mix a girl-about-town cockiness with an all-too-rare emotional honesty about men, love, and relationships. Whether the subject is a one-man chimney demolition, the lifelong fidelity of seahorses, a lover at war in Afghanistan or a kickboxing match, Lahey confronts the enduring disconnect between the sexes in a language that is slangy and quick, punctuated with jabs. She eyes those moments—in a day, in a life—when the normal clues we rely on disappear, shifting the line between domesticity and danger. In *Spinning Side Kick*, a talented poet returns with sharper aim.

This DVD by Paul Hamilton provides tips and techniques for trouble-free operation of a Light-Sport Aircraft (LSA) with a ROTAX 912 engine and provides an introduction to important aspects of maintaining the 912 and 912S. Based on years of operational and maintenance experience, industry-recognized experts Phil Lockwood and Dean Vogel outline typical procedures every owner, operator and mechanic should know. Learn about vital engine fluids, selecting fuel and proper filters, coolant options, cold weather operations, as well as how and when to check and change the oil. Gain insight on cold weather operations and dual carburetor synchronization for avoiding engine clattering, prolonging engine life, and reducing maintenance costs. This new edition also addresses an oil pressure sensor update, best types of oil to use, frequency of oil changes, tips on finding updated Rotax information, automobile gas and avgas options, and extended TBO (time before overhaul) information. If you fly, operate, or work on a ROTAX 912 engine, this DVD is a must have to ensure proper maintenance and safe operation. Approximate running time 68 minutes, plus 28 minutes of extras.

Experts discuss the potential for open education tools, resources, and knowledge to transform the economics and ecology of education.

Consumer Technologies

This two-volume set LNAI 12163 and 12164 constitutes the refereed proceedings of the 21th International Conference on Artificial Intelligence in Education, AIED 2020, held in Ifrane, Morocco, in July 2020.* The 49 full papers presented together with 66 short, 4 industry & innovation, 4 doctoral consortium, and 4 workshop papers were carefully reviewed and selected from 214 submissions. The conference provides opportunities for the cross-fertilization of approaches, techniques and ideas from the many fields that comprise AIED, including computer science, cognitive and learning sciences, education, game design, psychology, sociology, linguistics as well as many domain-specific areas. *The conference was held virtually due to the COVID-19 pandemic.

C pocket. Telecomunicazioni, didattica, software aerospaziale e processi industriali: con C questo e molto altro Apogeo Editore Telecomunicazioni, didattica, software aerospaziale e processi industriali : con C questo e molto altro Russian Society and the Orthodox Church Religion in Russia after Communism Routledge

Obesity is currently regarded as one of the major health challenges of the developed world. Excess body weight is an important risk factor for morbidity and mortality from cardiovascular diseases, diabetes, cancer, musculoskeletal disorders and even psychiatric problems and is estimated to cause nearly 3 million deaths per year worldwide. Obesity is not necessarily associated with comorbidities: there are indeed metabolically healthy obese individuals. Thus, we need to consider individuals presenting simple with obesity separately from those at risk of developing or who have already developed complex clinical states potentially leading to disability. Comorbidities can tip the balance of independence in patients who already have functional limitations mainly due to the excess of mass itself or who develop conditions such as diabetes, cardiovascular conditions, non-alcoholic fatty liver disease, where an abnormal metabolism of adipose tissue prevails. Morbid obesity with comorbidities leading to disability represents a real social and economic burden for National Health Systems worldwide. The presence of multiple and associated comorbidities often represents an obstacle to being admitted to hospitals for the treatment of metabolic diseases. On the other hand, clinical units with optimal standards for the treatment of pathological conditions in normal-weight patients are often structurally and technologically inadequate for the care of patients with extreme obesity. The aim of this book is to focus on the pathophysiological and rehabilitative aspects of disabling obesity, highlighting multidisciplinary rehabilitation interventions as key to counteracting the disabling aspects of complicated obesity.

Russian Society and the Orthodox Church examines the Russian Orthodox Church's social and political role and its

relationship to civil society in post-Communist Russia. It shows how Orthodox prelates, clergy and laity have shaped Russians' attitudes towards religious and ideological pluralism, which in turn have influenced the ways in which Russians understand civil society, including those of its features - pluralism and freedom of conscience - that are essential for a functioning democracy. It shows how the official church, including the Moscow Patriarchate, has impeded the development of civil society, while on the other hand the non-official church, including nonconformist clergy and lay activists, has promoted concepts central to civil society.

Create and run a human resource analytics project with confidence For any human resource professional that wants to harness the power of analytics, this essential resource answers the questions: "Where do I start?" and "What tools are available?" Predictive Analytics for Human Resources is designed to answer these and other vital questions. The book explains the basics of every business—the vision, the brand, and the culture, and shows how predictive analytics supports them. The authors put the focus on the fundamentals of predictability and include a framework of logical questions to help set up an analytic program or project, then follow up by offering a clear explanation of statistical applications. Predictive Analytics for Human Resources is a how-to guide filled with practical and targeted advice. The book starts with the basic idea of engaging in predictive analytics and walks through case simulations showing statistical examples. In addition, this important resource addresses the topics of internal coaching, mentoring, and sponsoring and includes information on how to recruit a sponsor. In the book, you'll find: A comprehensive guide to developing and implementing a human resource analytics project Illustrative examples that show how to go to market, develop a leadership model, and link it to financial targets through causal modeling Explanations of the ten steps required in building an analytics function How to add value through analysis of systems such as staffing, training, and retention For anyone who wants to launch an analytics project or program for HR, this complete guide provides the information and instruction to get started the right way.

This revised and expanded new edition elucidates the elegance and simplicity of the fundamental theory underlying formal languages and compilation. Retaining the reader-friendly style of the 1st edition, this versatile textbook describes the essential principles and methods used for defining the syntax of artificial languages, and for designing efficient parsing algorithms and syntax-directed translators with semantic attributes. Features: presents a novel conceptual approach to parsing algorithms that applies to extended BNF grammars, together with a parallel parsing algorithm (NEW); supplies supplementary teaching tools at an associated website; systematically discusses ambiguous forms, allowing readers to avoid pitfalls; describes all algorithms in pseudocode; makes extensive usage of theoretical models of automata, transducers and formal grammars; includes concise coverage of algorithms for processing regular expressions and finite automata; introduces static program analysis based on flow equations.

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