Programacion Orientada A Objetos Uco

This book, a first in its kind, offers a survey of the present state of affairs in media accessibility research and practice. It focuses on professional practices which are relative newcomers within the field of audiovisual translation and media studies, namely, audio description for the blind and visually impaired, sign language, and subtitling for the deaf and the hard-of-hearing for television, DVD, cinema, internet and live performances.Thanks to the work of lobbying groups and the introduction of legislation in some countries, media accessibility is an area that has recently gained marked visibility in our society. It has begun to appear in university curricula across Europe, and is the topic of numerous specialised conferences. The target readership of this book is first and foremost the growing number of academics involved in audiovisual translation at universities ? researchers, teachers and students ? but it is also of interest to the ever-expanding pool of practitioners and translators, who may wish to improve their crafts. The collection also addresses media scholars, members of deaf and blind associations, TV channels, and cinema or theatre managements who have embarked on the task of making their programmes and venues accessible to the visually and hearing impaired.Table of contentsAcknowledgementsJorge DIAZ CINTAS, Pilar ORERO, Aline REMAEL: Media for all: a global challengeSection 1: Subtitling for the deaf and hard-of-hearing (SDH) Aline REMAEL: Sampling subtitling for the deaf and the hard-of-hearing in EuropeClive MILLER: Access symbols for use with video content and information and communications technology devicesChristopher STONE: Deaf access for Deaf people: the translation of the television news from English into British Sign LanguageJoselia NEVES: A world of change in a changing worldVera Lucia SANTIAGO ARAUJO: Subtitling for the deaf and hard-of-hearing in BrazilSection 2: Audio description (AD) Pilar ORERO: Sampling audio description in EuropeJoan GREENING, Deborah ROLPH: Accessibility: raising awareness of audio description in the UKGert VERCAUTEREN: Towards a European guideline for audio descriptionAndrew SALWAY: A corpus-based analysis of audio descriptionJulian BOURNE, Catalina JIMENEZ HURTADO: From the visual to the verbal in two languages: a contrastive analysis of the audio description of The Hours in English and SpanishKarin De COSTER, Volkmar MUHLEIS: Intersensorial translation: visual art made up by wordsAnna MATAMALA, Pilar ORERO: Accessible opera in Catalan: opera for allGreg YORK: Verdi made visible: audio introduction for opera and balletJessica YEUNG: Audio description in the Chinese worldNotes on contributorsIndex

Provides authoritative articles covering nearly 5,500 figures in the history of music, from classical to jazz to hymns to blues

The classic, comprehensive guide to the physics of soil The physical behavior of soil under different environmental conditions impacts public safety on every roadway and in every structure; a deep understanding of soil mechanics is

therefore an essential component to any engineering education. Soil Mechanics offers in-depth information on the behavior of soil under wet, dry, or transiently wet conditions, with detailed explanations of stress, strain, shear, loading, permeability, flow, improvement, and more. Comprehensive in scope, this book provides accessible coverage of a critical topic, providing the background aspiring engineers will need throughout their careers.

The inclusion of students with disabilities in the classroom is an crucial concern in education. The Universally Designed Classroom reveals how new technology, curricula, and trends are improving access to mainstream learning and closing achievement gaps.

Professional Penetration Testing walks you through the entire process of setting up and running a pen test lab. Penetration testing—the act of testing a computer network to find security vulnerabilities before they are maliciously exploited—is a crucial component of information security in any organization. With this book, you will find out how to turn hacking skills into a professional career. Chapters cover planning, metrics, and methodologies; the details of running a pen test, including identifying and verifying vulnerabilities; and archiving, reporting and management practices. Author Thomas Wilhelm has delivered penetration testing training to countless security professionals, and now through the pages of this book you can benefit from his years of experience as a professional penetration tester and educator. After reading this book, you will be able to create a personal penetration test lab that can deal with real-world vulnerability scenarios. All disc-based content for this title is now available on the Web. Find out how to turn hacking and pen testing skills into a professional career Understand how to conduct controlled attacks on a network through real-world examples of vulnerable and exploitable servers Master project management skills necessary for running a formal penetration test and setting up a professional ethical hacking business Discover metrics and reporting methodologies that provide experience crucial to a professional penetration tester

The Routledge Handbook of Literacy Studies offers a comprehensive view of the field of language and literacy studies. With forty-three chapters reflecting new research from leading scholars in the field, the handbook pushes at the boundaries of existing fields and combines with related fields and disciplines to develop a lens on contemporary scholarship and emergent fields of inquiry. The Handbook is divided into eight sections: The foundations of literacy studies Space-focused approaches Time-focused approaches Multimodal approaches Digital approaches Hermeneutic approaches Making meaning from the everyday Co-constructing literacies with communities This is the first handbook of literacy studies to recognise new trends and evolving trajectories together with a focus on radical epistemologies of literacy. The Routledge Handbook of Literacy Studies is an essential reference for undergraduate and postgraduate students and those researching and working in the areas of applied linguistics and language and literacy.

Solving complex optimization problems with parallelmetaheuristics Parallel Metaheuristics brings together an international group ofexperts in parallelism and metaheuristics to provide a much-neededsynthesis of these two fields. Readers discover how metaheuristictechniques can provide useful and practical solutions for a widerange of problems and application domains, with an emphasis on thefields of telecommunications and bioinformatics. This volume fillsa long-existing gap, allowing researchers and practitioners todevelop efficient metaheuristic algorithms to find solutions. The book is divided into three parts: * Part One: Introduction to Metaheuristics and Parallelism,including an Introduction to Metaheuristic Techniques, Measuringthe Performance of Parallel Metaheuristics, New Technologies inParallelism, and a head-to-head discussion on Metaheuristics andParallelism * Part Two: Parallel Metaheuristic Models, including ParallelGenetic Algorithms, Parallel Genetic Programming, ParallelEvolution Strategies, Parallel Ant Colony Algorithms, ParallelEstimation of Distribution Algorithms, Parallel Scatter Search,Parallel Variable Neighborhood Search, Parallel SimulatedAnnealing, Parallel Tabu Search, Parallel GRASP, Parallel HybridMetaheuristics, Parallel Multi-Objective Optimization, and ParallelHeterogeneous Metaheuristics * Part Three: Theory and Applications, including Theory of ParallelGenetic Algorithms, Parallel Metaheuristics Applications, ParallelMetaheuristics in Telecommunications, and a final chapter onBioinformatics and Parallel Metaheuristics Each self-contained chapter begins with clear overviews andintroductions that bring the reader up to speed, describes basictechniques, and ends with a reference list for further study.Packed with numerous tables and figures to illustrate the complextheory and processes, this comprehensive volume also includesnumerous practical real-world optimization problems and theirsolutions. This is essential reading for students and researchers in computerscience, mathematics, and engineering who deal with parallelism,metaheuristics, and optimization in general.

An info. security assessment (ISA) is the process of determining how effectively an entity being assessed (e.g., host, system, network, procedure, person) meets specific security objectives. This is a guide to the basic tech. aspects of conducting ISA. It presents tech. testing and examination methods and techniques that an org. might use as part of an ISA, and offers insights to assessors on their execution and the potential impact they may have on systems and networks. For an ISA to be successful, elements beyond the execution of testing and examination must support the tech. process. Suggestions for these activities ¿ including a robust planning process, root cause analysis, and tailored reporting ¿ are also presented in this guide. Illus.

This timely volume offers a comprehensive and rigorous overview of the role of communication in the construction of hate speech and polarization in the online and offline arena. Delving into the meanings, implications, contexts and effects of extreme speech and gated communities in the media landscape, the chapters analyse misleading metaphors and rhetoric via focused case studies to

understand how we can overcome the risks and threats stemming from the past decade's defining communicative phenomena. The book brings together an international team of experts, enabling a broad, multidisciplinary approach that examines hate speech, dislike, polarization and enclave deliberation as cross axes that influence offline and digital conversations. The diverse case studies herein offer insights into international news media, television drama and social media in a range of contexts, suggesting an academic frame of reference for examining this emerging phenomenon within the field of communication studies. Offering thoughtful and much-needed analysis, this collection will be of great interest to scholars and students working in communication studies, media studies, journalism, sociology, political science, political communication and cultural industries.

Draws from brain research and advances in digital technology to explore the concept of universal design for learning and how it can help meet educational standards while addressing the unique needs of each student.

Water pricing to achieve conservation in scarce water resources is a major policy challenge. This book provides credible evidence from water pricing experiences in various countries around the world. The book chapters, written by experts in water pricing from various countries, documents the past 10 to 15 years of water pricing experiences in Australia, Brazil, Canada, China, Colombia, France, India, Israel, Italy, Mexico, The Netherlands, New Zealand, South Africa and Spain. The book includes also several chapters that review innovations in water pricing in various countries, such as new reform mechanisms, achieving social objectives via water pricing, achieving revenue recovery, water use efficiency and customer equity, and charging the poor.

Introduces the features of the C programming language, discusses data types, variables, operators, control flow, functions, pointers, arrays, and structures, and looks at the UNIX system interface

Learning Issues for Intelligent Tutoring Systems arrays the most current and exciting research in this dynamic and growing area of cognitive science. The various contributions address the design and use of instructional systems as well as the important theoretical and practical questions involved in implementing knowledge-based systems. This book offers complete and up-to-date reviews of the major research programs in computer-aided instruction and intelligent tutoring systems. Learning Issues for Intelligent Tutoring Systems is an important and useful introduction to this rapidly changing field.

This comprehensive guide to emotional intelligence (EI) is a state-of-the-art collection of proven best practices from the field's best and brightest minds. Edited by educational leaders Maurice Elias and Harriett Arnold, this guide creates a new gold standard for bringing social-emotional learning into every classroom.

If you are new to computer programming then this book is for you! Starting from scratch, it assumes no prior knowledge of programming and is written in a simple, direct

style for maximum clarity. C# ('C Sharp') is an object-oriented, network-enabled programming language, developed expressly for Microsoft's .Net platform. C# provides the features that are the most important to programmers: object-orientation, graphics, GUI components, multimedia, internet-based client/server networking and distributed computing. 'C# for Students' will explain key programming concepts and the central ideas of object oriented programming, using C# as the vehicle language.

Applied Social Psychology is a collection of readings from the four-volume set of Blackwell Handbooks of Social Psychology that examine the applications of social psychological theory and research in various domains of personal, institutional, and societal well-being. Collects readings from the four-volume set of Blackwell Handbooks of Social Psychology and includes introductions by two world-renowned researchers. Examines the applications of social psychological theory and research in various domains of personal, institutional, and societal well-being. Illustrates how social psychological analyses of individual, interpersonal, and group level processes have contributed to important areas of applied psychology.

Software has long been perceived as complex, at least within Software Engineering circles. We have been living in a recognised state of crisis since the first NATO Software Engineering conference in 1968. Time and again we have been proven unable to engineer reliable software as easily/cheaply as we imagined. Cost overruns and expensive failures are the norm. The problem is fundamentally one of complexity: software is fundamentally complex because it must be precise. Problems that appear to be specified quite easily in plain language become far more complex when written in a more formal notation, such as computer code. Comparisons with other engineering disciplines are deceptive. One cannot easily increase the factor of safety of software in the same way that one could in building a steel structure, for example. Software is typically built assuming perfection, often without adequate safety nets in case the unthinkable happens. In such circumstances it should not be surprising to find out that (seemingly) minor errors have the potential to cause entire software systems to collapse. The goal of this book is to uncover techniques that will aid in overcoming complexity and enable us to produce reliable, dependable computer systems that will operate as intended, and yet are produced on-time, in budget, and are evolvable, both over time and at run time. We hope that the contributions in this book will aid in understanding the nature of software complexity and provide guidance for the control or avoidance of complexity in the engineering of complex software systems.

La publicación recoge los trabajos completos presentados en el VIII Congreso Ibérico de Agroingeniería. Agroingeniería 2015. Este congreso está respaldado por la Sociedad Española de Agroingeniería (http://www.agroingenieria.es/) y la Secçaõ Especializada de Engenheria Rural - Sociedade de Ciéncias Agrarias de Portugal (http://scap.pt/). Estas sociedades tienen como fin apoyar, conducir y enriquecer el papel actual de la ingeniería, y promover su avance, en las actividades de investigación, desarrollo, innovación, enseñanza, transferencia, producción y comercio, propias de los sectores agrícola, ganadero, forestal y alimentario. Constantemente, el congreso es una referencia para la comunicación de los avances obtenidos en el campo de la Ingeniería Agronómica y Forestal. Esta consideración se ha visto avalada por la participación de más de 100 Congresistas de España, Portugal, Brasil y otros países Iberoamericanos. Para garantizar la calidad científica de las comunicaciones,

dos miembros del comité científico revisaron cada uno de los artículos presentados, sugiriendo, en su caso, mejoras en la calidad de los trabajos presentados.

Explains what cooperative learning is, describes what makes it work, and provides strategies for the classroom teacher beginning to use cooperative learning or improving the use of cooprative learning in the classroom.

This book constitutes the thoroughly refereed post-workshop proceedings of the Second International Symposium, SETE 2017, held in conjunction with ICWL 2017, Cape Town, South Africa, in September 2017. The 52 full and 13 short papers were carefully reviewed and selected from 123 submissions. This symposium attempts to provide opportunities for the crossfertilization of knowledge and ideas from researchers in diverse fields that make up this interdisciplinary research area.

This book offers a proven approach for reliable mapping of soil-landscape relationships to derive information for policy, planning and management at scales ranging from local to regional. It presents the theoretical and conceptual framework of the geopedologic approach and a bulk of applied research showing its application and benefits for knowledge generation relevant to geohazard studies, land use conflict analysis, land use planning, land degradation assessment, and land suitability analysis. Soil is a vital resource for society at large and an important determinant of the economic status of nations. The intensification of natural disasters and the increased land use competition for food and energy have raised awareness of the relevant role the pedosphere plays in natural and anthropogenic environments. Recent papers and global initiatives show a renewed interest in soil research and its applications for improved planning and management of this fragile and finite resource.

The ability to exploit the potential of wild relatives carrying beneficial traits is a major goal in breeding programs. However, it relies on the possibility of the chromosomes from the crop and wild species in interspecific crosses to recognize, associate, and undergo crossover formation during meiosis, the cellular process responsible for producing gametes with half the genetic content of their parent cells. Unfortunately, in most cases, a barrier exists preventing successful hybridization between the wild and crop chromosomes. Understanding the mechanisms controlling chromosome associations during meiosis are of great interest in plant breeding and will allow chromosome manipulation to introduce genetic variability from related species into a crop. In addition to interspecific hybrids, other materials, such as natural and synthetic polyploids and introgression lines derived from allopolyploids, among others, are powerful tools in the framework of plant breeding. For example, an extra pair of alien chromosomes in the full genome complement of a crop species has been frequently used as a first step to access genetic variation from the secondary gene pool in breeding programs. In addition, such introgression lines are also pivotal in the study of interspecific genetic interactions, in the chromosomal location of genetic markers, and in the study of chromosome structure and behavior in somatic and meiotic cells. Contained in this Special Issue are accounts of original research, including new tools to identify chromosome introgressions and the development and characterization of introgression lines and interspecific hybrids carrying desirable agronomic traits for plant breeding purposes. Also included are reviews about the chromosome engineering of tropical cash crops and the effect of chromosome structure on chromosome associations and recombination during meiosis to allow chromosome manipulation in

the framework of plant breeding.

If you are new to C++ programming, C++ Primer Plus, Fifth Edition is a friendly and easy-to-use self-study guide. You will cover the latest and most useful language enhancements, the Standard Template Library and ways to streamline object-oriented programming with C++. This guide also illustrates how to handle input and output, make programs perform repetitive tasks, manipulate data, hide information, use functions and build flexible, easily modifiable programs. With the help of this book, you will: Learn C++ programming from the ground up. Learn through real-world, hands-on examples. Experiment with concepts, including classes, inheritance, templates and exceptions. Reinforce knowledge gained through end-of-chapter review questions and practice programming exercises. C++ Primer Plus, Fifth Edition makes learning and using important object-oriented programming concepts understandable. Choose this classic to learn the fundamentals and more of C++ programming.

As both an entry-level and advanced primer for UDL, A Practical Reader in Universal Design for Learning sheds light on contemporary educational curriculum that incorporates best-in-practice techniques for advancing learning objectives.

Programming Language C++ is a general-purpose object-oriented programming (OOP) language, developed by Bjarne Stroustrup, and is an extension of the C language. It is therefore possible to code C++ in a "C style" or "object-oriented style." In certain scenarios, it can be coded in either way and is thus an effective example of a hybrid language. This manual will covers troduction to C++, Local Environment Setup, Basic Syntax, Variable And Types, Decision Making Statement and Array.

This brief monograph examines and evaluates the main ideas, techniques, findings, and pedagogical applications of Corpus-based Translation Studies. Particular attention is given to trends characterizing the expansion of the field. The book is intended for translator trainees, teachers of translation, professional translators, researchers, and scholars in translation studies. Laviosa has written extensively on issues related to translation studies. There is no index. Annotation copyrighted by Book News, Inc., Portland, OR

VIII Congreso Ibérico de Agroingeniería: "Retos de la nueva agricultura mediterránea"Universidad Miguel Hernández

Information literacy is a key skill for all news consumers, and this Special Report shows how librarians can make a difference by helping patrons identify misinformation.

Develop your students' critical thinking skills and prepare them to perform competitively in the classroom, on state tests, and beyond. In this book, Moore and Stanley show you how to effectively instruct your students to think on higher levels, and how to assess their progress. As states implement the Common Core State Standards, teachers have been called upon to provide higher levels of rigor in their classrooms. Moore and Stanley demonstrate critical thinking as a key approach to accomplishing this goal. They explore the benefits of critical thinking and provide the tools you need to develop and monitor critical thinking skills in the classroom. Topics include: The Difference Between Higher-Level and Lower-Level Thinking Writing Higher-Level Thinking Questions Assessing Critical Thinking Strategies to Develop Higher-Level Thinking Skills

Coastal Zone Management Handbook comprises the first complete manual on coastal resource planning and management technology. Written by an international consultant, this handbook reflects a global perspective on the natural resources, sensitivities, economics, development, productivity, and diversity of coastal zones. The emphasis is on tropical and

subtropical coastal ecosystems, but the information is widely applicable. In addition to its comprehensive coverage of general concepts related to coastal regions, the book describes the strategic basis for coastal management, provides a set of working tools for management and planning activities, and presents case histories of management projects around the globe. Extensive references are provided for each management analysis, practice, technique, and solution. Coastal Zone Management Handbook is made up of four sections:

Kaye Stacey, Helen Chick, and Margaret Kendal The University of Melbourne, Australia Abstract: This section reports on the organisation, procedures, and publications of the ICMI Study, The Future of the Teaching and Learning of Algebra. Key words: Study Conference, organisation, procedures, publications The International Commission on Mathematical Instruction (ICMI) has, since the 1980s, conducted a series of studies into topics of particular significance to the theory and practice of contemporary mathematics education. Each ICMI Study involves an international seminar, the "Study Conference", and culminates in a published volume intended to promote and assist discussion and action at the international, national, regional, and institutional levels. The ICMI Study running from 2000 to 2004 was on The Future of the Teaching and Learning of Algebra, and its Study Conference was held at The University of Melbourne, Australia fromDecember to 2001. It was the first study held in the Southern Hemisphere. There are several reasons why the future of the teaching and learning of algebra was a timely focus at the beginning of the twenty first century. The strong research base developed over recent decades enabled us to take stock of what has been achieved and also to look forward to what should be done and what might be achieved in the future. In addition, trends evident over recent years have intensified. Those particularly affecting school mathematics are the "massification" of education—continuing in some countries whilst beginning in others—and the advance of technology.

Emerging Trends in Computational Biology, Bioinformatics, and Systems Biology discusses the latest developments in all aspects of computational biology, bioinformatics, and systems biology and the application of data-analytics and algorithms, mathematical modeling, and simulation techniques. • Discusses the development and application of data-analytical and theoretical methods, mathematical modeling, and computational simulation techniques to the study of biological and behavioral systems, including applications in cancer research, computational intelligence and drug design, high-performance computing, and biology, as well as cloud and grid computing for the storage and access of big data sets. • Presents a systematic approach for storing, retrieving, organizing, and analyzing biological data using software tools with applications to general principles of DNA/RNA structure, bioinformatics and applications, genomes, protein structure, and modeling and classification, as well as microarray analysis. • Provides a systems biology perspective, including general guidelines and techniques for obtaining, integrating, and analyzing complex data sets from multiple experimental sources using computational tools and software. Topics covered include phenomics, genomics, epigenomics/epigenetics, metabolomics, cell cycle and checkpoint control, and systems biology and vaccination research. • Explains how to effectively harness the power of Big Data tools when data sets are so large and complex that it is difficult to process them using conventional database management systems or traditional data processing applications. Discusses the development and application of data-analytical and theoretical methods, mathematical modeling and computational simulation techniques to the study of biological and behavioral systems. Presents a systematic approach for storing, retrieving, organizing and analyzing biological data using software tools with applications. Provides a systems biology perspective including general guidelines and techniques for obtaining, integrating and analyzing complex data sets from multiple experimental sources using computational tools and software.