Effective Objective C 20 52 Specific Ways To Improve Your Ios And Os X Programs Effective Software Development Series

The involvement of the EU in regulating private conduct and relationships between individuals is increasing. As a result, EU law affects the scope of private autonomy in ever wider contexts, sparking tensions with fundamental concepts of national private law systems. This volume offers a descriptive and normative account of the involvement of EU law in private law relationships. The recurring theme in the collected papers is the scope of policy objectives which are apt to legitimise the European Union's as yet unsystematic tendency to serve as a source of restrictions of private autonomy. The nature and purpose of the involvement of European Union law in private law relationships is investigated by the authors from both the substantive and the constitutional perspective. The papers look at such sectors regulating private law relationships as consumer law, labour law, competition law, equal treatment law and the law of remedies. While focusing on private law relationships the authors investigate more general concepts of EU law, such as the Internal Market freedoms and general principles of law, and the different modes of ensuring the effective application of EU secondary law.

Adobe, or mud brick, has been widely used as a building material in the American Southwest, including California. The vulnerability of many original adobe structures to damage or destruction from earthquakes has been of great concern. The guidelines presented here address the practical aspects of this problem and represent the culmination of 12 years of research and testing on the seismic retrofitting of adobe buildings. These guidelines can assist in the planning of seismic retrofitting projects consistent with both conservation principles and established public policy.

This book describes algorithms and hardware implementations of computer holography, especially in terms of fast calculation. It summarizes the basics of holography and computer holography and describes how conventional diffraction calculations play a central role. Numerical implementations by actual codes will also be discussed. This book will explain new fast diffraction calculations, such as scaled scalar diffraction. Computer Holography will also explain acceleration algorithms for computer-generated hologram (CGH) generation and digital holography with 3D objects composed of point clouds, using look-up table-(LUT) based algorithms, and a wave front recording plane. 3D objects composed of polygons using tilted plane diffraction, expressed by multi-view images and RGB-D images, will be explained in this book. Digital holography, including inline, off-axis, Gabor digital holography, and phase shift digital holography, will also be explored. This book introduces applications of computer holography, including phase retrieval algorithm, holographic memory, holographic projection, and deep learning in computer holography, while explaining hardware implementations for computer holography. Recently, several parallel processors have been released (for example, multi-core CPU, GPU, Xeon Phi, and FPGA). Readers will learn how to apply algorithms to these processors. Features Provides an introduction of the basics of holography and computer holography Summarizes the latest advancements in computer-generated holograms Showcases the latest researchers of digital holography Discusses fast CGH algorithms and diffraction calculations, and their actual codes Includes hardware implementation for computer holography, and its actual codes and quasi-codes

Persistent object systems are systems which support the creation and manipulation of objects in a uniform manner, regardless of how long they persist. This is in direct contrast with conventional systems where temporary objects are created and manipulated using one mechanism (typically programming language data structures) and permanent objects are maintained using a different mechanism (usually a filestore). The unification of temporary and permanent objects yields systems which are smaller and more efficient than conventional systems and which provide a powerful and flexible platform for the development of large, data intensive applications. This volume presents the proceedings of a workshop at which latest research in this area was discussed. The papers are grouped into sections on the following topics: type systems and persistence, persistent programming languages, implementing persistence, object stores, measurement of persistent systems, transactions and persistence, and persistent machines.

As more and more vulnerabilities are found in the Mac OS X (Leopard) operating system, security researchers are realizing the importance of developing proof-of-concept exploits for those vulnerabilities. This unique tome is the first book to uncover the flaws in the Mac OS X operating system—and how to deal with them. Written by two white hat hackers, this book is aimed at making vital information known so that you can find ways to secure your Mac OS X systems, and examines the sorts of attacks that are prevented by Leopard's security defenses, what attacks aren't, and how to best handle those weaknesses.

Application for Grants Under the Drug-Free Schools and Communities ProgramTraining and Demonstration Grants to Institutions of Higher EducationUnited States Code: Title 42, The public health and welfare to Title 49, TransportationThe Budget of the United States GovernmentFederal RegisterCode of Federal Regulations1985-1999

This ENCYCLOPAEDIA OF MATHEMATICS aims to be a reference work for all parts of mathe matics. It is a translation with updates and editorial comments of the Soviet Mathematical Encyclopaedia published by 'Soviet Encyclopaedia Publishing House' in five volumes in 1977-1985. The annotated translation consists of ten volumes including a special index volume. There are three kinds of articles in this ENCYCLOPAEDIA. First of all there are survey-type articles dealing with the various main directions in mathematics (where a rather fine subdivi sion has been used). The main requirement for these articles has been that they should give a reasonably complete up-to-date account of the current state of affairs in these areas and that they should be maximally accessible. On the whole, these articles should be understandable to mathematics students in their first specialization years, to graduates from other mathematical areas and, depending on the specific subject, to specialists in other domains of science, en gineers and teachers of mathematics. These articles treat their material at a fairly general level and aim to give an idea of the kind of problems, techniques and concepts involved in the area in question. They also contain background and motivation rather than precise statements of precise theorems with detailed definitions and technical details on how to carry out proofs and constructions. The second kind of article, of medium length, contains more detailed concrete problems, results and techniques.

The Code of Federal Regulations is the codification of the general and permanent rules published in the Federal Register by the executive departments and agencies of the Federal Government.

The objective of this book is to provide single platform for preparation of competitive examinations in Food Science and Technology discipline. The book contains about 10,000 objective questions on the subjects such as Food Chemistry, Food Microbiology, Food Engineering, Dairy Technology, Fruits and Vegetables Technology, Cereals Technology, Meat Fish and Poultry Processing, Food Additives, Foods and Nutrition, Bioprocess Technology, Food Packaging, Food Analysis, Functional Foods, Emerging Food Processing Technologies, Food Biochemistry and Miscellaneous topics. The

book also contains subjective keynotes for above mentioned topics.

Discusses the components of textile finishes, and the chemical and physical properties of, as well as their effects on, various fibres. The book covers fundamentals of fibre finish science, such as theories of friction; laboratory testing of formulations, from preliminary component evaluation to analyses for material characterization; and the influence of wetting, emulsification and finish distribution on coatings.

Can international law regulate warfare? Experiences of US bombing suggests it does not solve the twenty-first-century belligerent's legitimacy dilemma.

Rev. ed. of: Applied therapeutics: the clinical use of drugs / edited by Mary Anne Koda-Kimble ... [et al.]. 9th ed. c2009.

The Climate Change 2007 volumes of the Fourth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC) provide the most comprehensive and balanced assessment of climate change available. This IPCC Working Group III volume provides a comprehensive, state-of-the-art and worldwide overview of scientific knowledge related to the mitigation of climate change. It includes a detailed assessment of costs and potentials of mitigation technologies and practices, implementation barriers, and policy options for the sectors: energy supply, transport, buildings, industry, agriculture, forestry and waste management. It links sustainable development policies with climate change practices. This volume will again be the standard reference for all those concerned with climate change, including students and researchers, analysts and decision-makers in governments and the private sector.

Why and how do music and abstract art pack such universal appeal? Why do they often have 'therapeutic' efficacy? Between Couch and Piano links well-established psychoanalytic ideas with historical and neurological theory to help us begin to understand some of the reasons behind music's ubiquity and power. Drawing on new psychoanalytic understanding as well as advances in neuroscience, this book sheds light on the role of the arts as stimulus, and as a key to creative awareness. Subjects covered include: * music in relation to the trauma of loss * music in connection with wholeness and the sense of identity * the ability of music to jump-start normal feelings, motion and identity where these have been seemingly destroyed by neurological disease * the theory of therapeutic efficacy of music and art. Between Couch and Piano is a comprehensive overview that will be of interest to all those intrigued by the interrelation of psychoanalysis and the creative arts. www.psychoanalysisarena.com

Special edition of the Federal Register, containing a codification of documents of general applicability and future effect ... with ancillaries.

The Congressional Record is the official record of the proceedings and debates of the United States Congress. It is published daily when Congress is in session. The Congressional Record began publication in 1873. Debates for sessions prior to 1873 are recorded in The Debates and Proceedings in the Congress of the United States (1789-1824), the Register of Debates in Congress (1824-1837), and the Congressional Globe (1833-1873)

This comprehensive text covers the entire field of human resource development, from orientation and skills training, to career and organizational development. It shows how concepts and theory have been put into practice in a variety of organizations. This sixth edition of HUMAN RESOURCE DEVELOPMENT reflects the current state of the field, blending real-world practices and up-to-date research. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Highly praised for its exceptional clarity, technical accuracy, and useful examples, Weiers' INTRODUCTION TO BUSINESS STATISTICS, Seventh Edition, introduces fundamental statistical concepts with an engaging, conversational presentation and a strong emphasis on the practical relevance of course material to students' lives and careers. The text's outstanding illustrations, friendly language, non-technical terminology, and current examples involving real-world business and personal settings will capture students' interest and prepare them for success from day one. Continuing cases, contemporary business applications, and more than 300 new or revised exercises and problems reflect important trends and the latest developments in today's dynamic business environment -- all with an accuracy you and your students can trust. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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