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A Guide to the Study and Use of Military History Use in Industry of Elasticity Measurements in Metals with the Help of Mechanical Vibrations Architecting Solutions with SAP Business Technology Platform Ending Discrimination Against People with Mental and Substance Use Disorders Building Systems Design with Programmable Calculators The Living Trust Advisor Truth Annual Report of the Executive Board for the Financial Year Ended April 30 ... The British Code List for 1889, for the Use of Ships at Sea, and for Signal Stations Popular Science Architecture In Use Paper Handbook of Massachusetts Land Use and Planning Law, 4th Edition Parents with Mental and/or Substance Use Disorders and their Children Government Agencies Concerned with Land Use, Planning, Or Conservation in the Washington Metropolitan Area Rural Land-Use Planning in Developed Nations (Routledge Revivals) Laws of Illinois Relating to Cities and Villages, with Notes and Forms The Bookseller Alternate Exercises and Problems for Use with Intermediate Accounting, Third Edition Distributed User Interfaces: Usability and Collaboration To See a World Proceedings of the International Symposium on Sustainable Use of Plant Biodiversity to Promote New Opportunities for Horticultural Production

Development A Dictionary of American and English Law Cognate Vocabulary in Language Acquisition and Use Serious Mental Illness Publishers' circular and booksellers' record Mac Manual of Otolaryngology--head and Neck Surgery CSCW Modeling Information Diffusion in Online Social Networks with Partial Differential Equations Big Blue Java Use of Labor on Maine Farms with Dairy Cows Origin-destination and Land Use Water user associations American Folk Medicine The Use of Force in International Law The ASQ User's Guide Energy and Spectrum Efficient Wireless Network Design Web Design Brenner and Rector's The Kidney E-Book

This volume of essays examines the development of political and legal thinking regarding the use of force in international relations. It provides an analysis of the rules on the use of force in the political, normative and factual contexts within which they apply and assesses their content and relevance in the light of new challenges such as terrorism, weapons of mass destruction and cyber-attacks. The volume begins with an overview of the ancient and medieval concepts of war and the use of force and then concentrates on the contemporary legal framework regulating the

use of force as moulded by the United Nations Charter and state practice. In this regard it discusses specific issues such as the use of force by way of self-defence, armed reprisals, forcible reactions to terrorism, the use of force in the cyberspace, humanitarian intervention and the responsibility to protect. This collection of previously published classic research articles is of interest to scholars and students of international law and international relations as well as practitioners in international law. This edited collection, first published in 1989, provides a detailed analysis of rural land-use policies on a country-specific basis. Case studies include analyses of planning and legislation in Britain, The Netherlands, Japan, the U.S.A. and Australia. Alongside a comprehensive overview of the concept and application of rural land use from Paul Cloke, environment issues, resource management and the role of central governments are topics under discussion throughout. At an international level, this title will of particular interest to students of rural geography and environmental planning. The book lies at the interface of mathematics, social media analysis, and data science. Its authors aim to introduce a new dynamic modeling approach to the use of partial differential equations for describing

information diffusion over online social networks. The eigenvalues and eigenvectors of the Laplacian matrix for the underlying social network are used to find communities (clusters) of online users. Once these clusters are embedded in a Euclidean space, the mathematical models, which are reaction-diffusion equations, are developed based on intuitive social distances between clusters within the Euclidean space. The models are validated with data from major social media such as Twitter. In addition, mathematical analysis of these models is applied, revealing insights into information flow on social media. Two applications with geocoded Twitter data are included in the book: one describing the social movement in Twitter during the Egyptian revolution in 2011 and another predicting influenza prevalence. The new approach advocates a paradigm shift for modeling information diffusion in online social networks and lays the theoretical groundwork for many spatio-temporal modeling problems in the big-data era. When you're dealing with any piece of real estate in Massachusetts, you need to understand the applicable land use regulations and cases. This revised Fourth Edition of Mark Bobrowski's Handbook of Massachusetts Land Use and Planning Law provides all the insightful analysis and practical, expert advice you need, with detailed coverage of such important issues as: Affordable housing Special permit and variance decisions Zoning in Boston Nonconforming uses and structures

Administrative appeal procedures Enforcement requests Building permits Vested rights Agricultural use exemptions Current tests for exactions SLAPP suit procedures Impact fees Civil rights challenges. Helpful tables facilitate convenient case law review, while forms and extensive cross-references add to the book's usefulness. Previous Edition: Handbook of Massachusetts Land Use and Planning Law, Third Edition, ISBN 9781454801474 Covering the fundamental principles and state-of-the-art cross-layer techniques, this practical guide provides the tools needed to design MIMO- and OFDM-based wireless networks that are both energy- and spectrum-efficient. Technologies are introduced in parallel for both centralized and distributed wireless networks to give you a clear understanding of the similarities and differences between their energy- and spectrum-efficient designs, which is essential for achieving the highest network energy saving without losing performance. Cutting-edge green cellular network design technologies, enabling you to master resource management for next-generation wireless networks based on MIMO and OFDM, and detailed real-world implementation examples are provided to guide your engineering design in both theory and practice. Whether you are a graduate student, a researcher or a practitioner in industry, this is an invaluable guide. This unique book discusses programming, design and building evaluation providing a 'joined up' approach to building design. By linking the

functional and architectonic qualities of a building, the authors show the practical implications of the utility value of buildings. Starting by looking at how the relationship between form and function has been dealt with by different approaches to architecture from a historical perspective, it goes on to discuss how the desired functional quality and utility value of a building can be expressed in a brief and given a physical form by the architect. Finally, it advises on how to carry out post-occupancy evaluation and provides the architect with methods and techniques for testing whether the intended utility value of a building has been achieved. Estimates indicate that as many as 1 in 4 Americans will experience a mental health problem or will misuse alcohol or drugs in their lifetimes. These disorders are among the most highly stigmatized health conditions in the United States, and they remain barriers to full participation in society in areas as basic as education, housing, and employment. Improving the lives of people with mental health and substance abuse disorders has been a priority in the United States for more than 50 years. The Community Mental Health Act of 1963 is considered a major turning point in America's efforts to improve behavioral healthcare. It ushered in an era of optimism and hope and laid the groundwork for the consumer movement and new models of recovery. The consumer movement gave voice to people with mental and substance use disorders and brought their perspectives and

experience into national discussions about mental health. However over the same 50-year period, positive change in American public attitudes and beliefs about mental and substance use disorders has lagged behind these advances. Stigma is a complex social phenomenon based on a relationship between an attribute and a stereotype that assigns undesirable labels, qualities, and behaviors to a person with that attribute. Labeled individuals are then socially devalued, which leads to inequality and discrimination. This report contributes to national efforts to understand and change attitudes, beliefs and behaviors that can lead to stigma and discrimination. Changing stigma in a lasting way will require coordinated efforts, which are based on the best possible evidence, supported at the national level with multiyear funding, and planned and implemented by an effective coalition of representative stakeholders. Ending Discrimination Against People with Mental and Substance Use Disorders: The Evidence for Stigma Change explores stigma and discrimination faced by individuals with mental or substance use disorders and recommends effective strategies for reducing stigma and encouraging people to seek treatment and other supportive services. It offers a set of conclusions and recommendations about successful stigma change strategies and the research needed to inform and evaluate these efforts in the United States. A comprehensive guide to living trusts, with expert financial and

legal guidance The Living Trust Advisor is an expert guide for both advisors and their clients on the complex process of establishing, living with, and maintaining a living trust. Written by renowned family inheritance attorney Jeffrey L. Condon, this book discusses the various aspects of this important document, and shows you how to manage a seamless transfer of assets to various beneficiaries. This new second edition has been fully updated and revised to reflect the extensive changes to the Estate Tax Law that have taken place since the initial publication, giving you the most up-to-date information and guidance on preserving your wealth and helping your heirs avoid estate tax liability. You'll develop a vision for your trust before you ever meet with an attorney or other key players, and learn how to establish and maintain a trust that remains rock-solid for your lifetime and beyond. As the living trust has replaced the will as the primary means of settling after-death estates, clear guidance and current legal information is of utmost importance for advisors and clients alike. This book is a valuable resource for every stage of planning and execution, helping you ensure that you provide for your beneficiaries the way you intend. Know what to think about before your first meeting with a lawyer Establish and manage your living trust to carry out your wishes Identify potential inheritance problems and build solutions into the trust Distribute assets to future generations, and protect them after the transfer Dealing with complex

financial and legal issues while facing our own mortality is a difficult task, but making these decisions is critical to the future outcome of your estate. The Living Trust Advisor expertly guides you through the process so you can be confident that your wishes will be carried out. Written by international researchers in the field of Distributed User Interfaces (DUIs), this book brings together important contributions regarding collaboration and usability in Distributed User Interface settings. Throughout the thirteen chapters authors address key questions concerning how collaboration can be improved by using DUIs, including: in which situations a DUI is suitable to ease the collaboration among users; how usability standards can be used to evaluate the usability of systems based on DUIs; and accurately describe case studies and prototypes implementing these concerns. Under a collaborative scenario, users sharing common goals may take advantage of DUI environments to carry out their tasks more successfully because DUIs provide a shared environment where the users are allowed to manipulate information in the same space and at the same time. Under this hypothesis, collaborative DUI scenarios open new challenges to usability evaluation techniques and methods. Distributed User Interfaces: Collaboration and Usability presents an integrated view of different approaches related to Collaboration and Usability in Distributed User Interface settings, which demonstrate the state of the art, as well

as future directions in this novel and rapidly evolving subject area. This Guide to the Study and Use of Military History is designed to foster an appreciation of the value of military history and explain its uses and the resources available for its study. It is not a work to be read and lightly tossed aside, but one the career soldier should read again or use as a reference at those times during his career when necessity or leisure turns him to the contemplation of the military past. A comprehensive programmer's guide to developing sophisticated web-enabled applications with Java IBM has products in more than two-thirds of the existing commercial systems installations in the world. Over the next several years many of these systems will need to be accessible through the Internet, intranets, and extranets. IBM has chosen Java as the strategic technology for making all of their products ready for e-business. This book describes the Java tools available from IBM and explains how to use them to create Java-based applications. Worden details the challenges and techniques used to implement these technologies and shows you how these products can solve real-world application problems. Covering strategic as well as technical issues, Big Blue Java briefly introduces the emergence of Java and e-commerce at "Big Blue," IBM. The author then provides in-depth discussions on development tools, server products such as WebSphere Advanced and Enterprise, business and object modeling, the SanFrancisco Java framework, and Visual Age for Java as

development environments. Also evaluated are the features and functions of the product suite offered by IBM, to help you find the right software for your e-business requirements. Inside you'll find: * Details of the IBM Java product development rationale and process * Key features of the IBM Java tool suite * Explanation of the role of related object tools including Rational Rose * Sample application models * In-depth description of the SanFrancisco environment The CD-ROM contains: * Sample code from the book * Visual Age for Java forms * Servlet samples * Rational Rose models * IBM support material This eBook is a collection of articles from a Frontiers Research Topic. Frontiers Research Topics are very popular trademarks of the Frontiers Journals Series: they are collections of at least ten articles, all centered on a particular subject. With their unique mix of varied contributions from Original Research to Review Articles, Frontiers Research Topics unify the most influential researchers, the latest key findings and historical advances in a hot research area! Find out more on how to host your own Frontiers Research Topic or contribute to one as an author by contacting the Frontiers Editorial Office: frontiersin.org/about/contact. Overcome the toughest clinical challenges in nephrology with Brenner & Rector's The Kidney -- the most well-known nephrology resource in the world. A diverse team of more than 200 international contributors brings you the latest knowledge

and best practices on every front in nephrology worldwide. From basic science and pathophysiology to clinical best practices, Brenner & Rector's The Kidney is your go-to resource for any stage of your career. Review of the basic science that underpins clinical nephrology, comprehensive selection of the most important bibliographical sources in nephrology, and Board Review-style questions help you prepare for certification or recertification. Coverage of kidney health and disease from pre-conception through fetal and infant health, childhood, adulthood, and into old age. Expanded sections and chapter on global perspective and ethical considerations. Uniform terminology and nomenclature in line with emerging consensus in world kidney community. More than 700 full-color high-quality photographs as well as carefully chosen figures, algorithms, and tables to illustrate essential concepts, nuances of clinical presentation and technique, and decision making provide a visual grasp and better understanding of critical information. Internationally diverse, trusted guidance and perspectives from a team of well-respected global contributors. An editorial team headed by Dr. Skorecki and handpicked by Dr. Brenner ensures the ongoing adherence to previous standards of excellence. All chapters have been extensively updated or entirely rewritten by authorities in their respective fields. The latest clinical information including recent clinical trials, genetic causes of kidney disease,

cardiovascular and renal risk prediction in chronic kidney disease, new paradigms in fluid and electrolyte management, and pediatric kidney disease, keep you current with the rapid development of care and research worldwide. This title is part of UC Press's Voices Revived program, which commemorates University of California Press's mission to seek out and cultivate the brightest minds and give them voice, reach, and impact. Drawing on a backlist dating to 1893, Voices Revived makes high-quality, peer-reviewed scholarship accessible once again using print-on-demand technology. This title was originally published in 1976. Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better. A practical handbook packed with expert advice on architectural considerations for designing solutions using SAP BTP to drive digital innovation Purchase of the print or Kindle book includes a free eBook in the PDF format Key Features Guide your customers with proven architectural strategies and considerations on SAP BTP Tackle challenges in building process and data integration across complex and hybrid landscapes Discover SAP BTP services, including visualizations, practical business scenarios, and more Book Description SAP BTP is the foundation of SAP's intelligent and

sustainable enterprise vision for its customers. It's efficient, agile, and an enabler of innovation. It's technically robust, yet its superpower is its business centricity. If you're involved in building IT and business strategies, it's essential to familiarize yourself with SAP BTP to see the big picture for digitalization with SAP solutions. Similarly, if you have design responsibilities for enterprise solutions, learning SAP BTP is crucial to produce effective and complete architecture designs. This book teaches you about SAP BTP in five parts. First, you'll see how SAP BTP is positioned in the intelligent enterprise. In the second part, you'll learn the foundational elements of SAP BTP and find out how it operates. The next part covers integration architecture guidelines, integration strategy considerations, and integration styles with SAP's integration technologies. Later, you'll learn how to use application development capabilities to extend enterprise solutions for innovation and agility. This part also includes digital experience and process automation capabilities. The last part covers how SAP BTP can facilitate data-to-value use cases to produce actionable business insights. By the end of this SAP book, you'll be able to architect solutions using SAP BTP to deliver high business value. What you will learn Explore value propositions and business processes enabled by SAP's Intelligent and Sustainable Enterprise Understand SAP BTP's foundational elements, such as commercial and account models Discover services that can be part of solution

designs to fulfill non-functional requirements Get to grips with integration and extensibility services for building robust solutions Understand what SAP BTP offers for digital experience and process automation Explore data-to-value services that can help manage data and build analytics use cases Who this book is for This SAP guide is for technical architects, solutions architects, and enterprise architects working with SAP solutions to drive digital transformation and innovation with SAP BTP. Some IT background and an understanding of basic cloud concepts is assumed. Working knowledge of the SAP ecosystem will also be beneficial. Practical and evidence-based, this unique book is the first comprehensive text focused on person-centered approaches to people with serious mental illness such as schizophrenia and bipolar disorder. It reflects a range of views and findings regarding assessment, treatment, rehabilitation, self-help, policy-making, education and research. It is highly recommended for all healthcare professionals, students, researchers and educators involved in general practice, psychiatry, nursing, social work, clinical psychology and therapy. Healthcare service providers, and policy makers and shapers, will find the book's wide-ranging, multi-professional approach enlightening. 'Serious Mental Illness reflects a continued distancing from the outmoded and unsubstantiated belief that people with severe mental illnesses could not recover, and that

they would respond positively only to goals and treatment plans chosen, designed and implemented by providers in order to prevent their further deterioration. Anyone with an interest in the concept of person-centered approaches will discover new ideas in this book. Indeed, anyone with an interest in person-centered approaches has to read this book. Not only is it the first such book on person-centered

approaches, but it will serve as the gold standard in this topic area for years to come.' William A Anthony, in the Foreword This book presents new and experienced Web designers with a healthy dose of theory combined with practical examples that demonstrate the theories discussed. Each aspect of Web site creation is given comprehensive coverage, from planning to building. This book brings together linguistic, psycholinguistic and educational

perspectives on the phenomenon of cognate vocabulary across languages. It discusses extensive qualitative and quantitative data on Polish-English cognates and their use by learners/users of English to show the importance of cognates in language acquisition and learning.

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