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Enterprise Service Computing Robin G. Qui 2007-01-01 "This book focuses on providing readers a comprehensive understanding of the development cycle of enterprise service computing. Covered topics range from concept development, system design, modeling, and development technologies, to final deployment. Both theoretical research results and practical applications are provided"-- Provided by publisher.

Experiencing Architecture, second edition Steen Eiler Rasmussen 1964-03-15 A classic examination of superb design through the centuries. Widely regarded as a classic in the field, *Experiencing Architecture* explores the history and promise of good design. Generously illustrated with historical examples of designing excellence—ranging from teacups, riding boots, and golf balls to the villas of Palladio and the fish-feeding pavilion of Beijing's Winter Palace—Rasmussen's accessible guide invites us to appreciate architecture not only as a profession, but as an art that shapes everyday experience. In the past, Rasmussen argues, architecture was not just an individual pursuit, but a community undertaking. Dwellings were built with a natural feeling for place, materials and use, resulting in "a remarkably suitable comeliness." While we cannot return to a former age, Rasmussen notes, we can still design spaces that are beautiful and useful by seeking to understand architecture as an art form that must be experienced. An understanding of good design comes not only from one's professional experience of architecture as an abstract, individual pursuit, but also from one's shared, everyday experience of architecture in real time—its particular use of light, color, shape, scale, texture, rhythm and sound. *Experiencing Architecture* reminds us of what good architectural design has accomplished over time, what it can accomplish still, and why it is worth pursuing. Wide-ranging and approachable, it is for anyone who has ever wondered "what instrument the architect plays on."

Trends in Practical Applications of Agents and Multiagent Systems Javier Bajo Pérez 2013-04-20 Research on Agents and Multi-agent Systems has matured during the last decade and many effective applications of this technology are now deployed. PAAMS provides an international forum to presents and discuss the

latest scientific developments and their effective applications, to assess the impact of the approach, and to facilitate technology transfer. PAAMS started as a local initiative, but since grown to become the international yearly platform to present, to discuss, and to disseminate the latest developments and the most important outcomes related to real-world applications. It provides a unique opportunity to bring multi-disciplinary experts, academics and practitioners together to Exchange their experience in the development and deployment of Agents and Multi-agents systems. PAAMS intends to bring together researchers and developers from industry and the academic world to report on the latest scientific and technical advances on the application of multi-agent systems, to discuss and debate the major issues, and to showcase the latest systems using agent based technology. It will promote a forum for discussion on how agent based techniques, methods and tools help system designers to accomplish the mapping between available agent technology and application needs. Other stakeholders should be rewarded with a better understanding of the potential and challenges of the agent-oriented approach. This edition of PAAMS special sessions is organized by the Bioinformatics, Intelligent System and Educational Technology Research Group (<http://bisite.usal.es>) of the University of Salamanca. The present edition was held in Salamanca, Spain, from 22nd to 24th May 2013.

.NET 4 Wrox PDF Bundle Bill Evjen 2010-09-17 The books included in this set are: 9780470502204 Professional ASP.NET 4: in C# and VB: Written by three highly recognized and regarded ASP.NET experts, this book provides comprehensive coverage on ASP.NET 4 with a unique approach featuring examples in both C# and VB, as is the incomparable coverage of core ASP.NET. After a fast-paced refresher on essentials such as server controls, the book delves into expert coverage of all the latest capabilities of ASP.NET 4. 9780470502259 Professional C# 4 and .NET 4: After a quick refresher on C# basics, the author dream team moves on to provide you with details of language and framework features including LINQ, LINQ to SQL, LINQ to XML, WCF, WPF, Workflow, and Generics. Coverage also spans ASP.NET programming with C#, working in Visual Studio 2010 with C#, and more. With this book, you'll quickly get up to date on all the newest capabilities of C# 4. 9780470548653 Professional Visual Studio 2010: This book gets you quickly up to speed on what you can expect from Visual Studio 2010. Packed with helpful examples, this comprehensive guide explains examines the features of Visual Studio 2010, which allows you to create and manage programming projects for the Windows platform. It walks you through every facet of the Integrated Development Environment (IDE), from common tasks and functions to its powerful tools 9780470499832 Visual Basic 2010 Programmer's Reference: This reference guide provides you with a broad, solid understanding of essential Visual Basic 2010 topics and clearly explains how to use this powerful programming language to perform a variety of tasks. As a tutorial, the book describes the Visual Basic language and covers essential Visual Basic topics. The material presents categorized information regarding specific operations and reveals useful tips, tricks, and tidbits to help you make the most of the new Visual Basic 2010. 9780470477229 WPF Programmer's Reference: Windows Presentation Foundation with C# 2010 and .NET 4: Written by

a leading expert on Microsoft graphics programming, this richly illustrated book provides an introduction to WPF development and explains fundamental WPF concepts. It is packed with helpful examples and progresses through a range of topics that gradually increase in their complexity. 9780470257029 Professional SQL Server 2008 Programming: This expanded best-seller includes new coverage of SQL Server 2008's new datatypes, new indexing structures, manageability features, and advanced time-zone handling. As an added bonus, also includes Professional SQL Server 2005 Programmers for .NET 4 developers still working in a SQL Server 2005 setting.

Architecture and Evolution of the Crust during Continental Arc Magmatism Glenn J. Woodsworth 2020-07-06

Infrastructure Brett M. Frischmann 2013-01-01 Infrastructure resources are the subject of many contentious public policy debates, including what to do about crumbling roads and bridges, whether and how to protect our natural environment, energy policy, even patent law reform, universal health care, network neutrality regulation and the future of the Internet. Each of these involves a battle to control infrastructure resources, to establish the terms and conditions under which the public receives access, and to determine how the infrastructure and various dependent systems evolve over time. Infrastructure: The Social Value of Shared Resources devotes much needed attention to understanding how society benefits from infrastructure resources and how management decisions affect a wide variety of interests. The book links infrastructure, a particular set of resources defined in terms of the manner in which they create value, with commons, a resource management principle by which a resource is shared within a community. The infrastructure commons ideas have broad implications for scholarship and public policy across many fields ranging from traditional infrastructure like roads to environmental economics to intellectual property to Internet policy. Economics has become the methodology of choice for many scholars and policymakers in these areas. The book offers a rigorous economic challenge to the prevailing wisdom, which focuses primarily on problems associated with ensuring adequate supply. The author explores a set of questions that, once asked, seem obvious: what drives the demand side of the equation, and how should demand-side drivers affect public policy? Demand for infrastructure resources involves a range of important considerations that bear on the optimal design of a regime for infrastructure management. The book identifies resource valuation and attendant management problems that recur across many different fields and many different resource types, and it develops a functional economic approach to understanding and analyzing these problems and potential solutions.

Application-Specific Hardware Architecture Design with VHDL Bogdan Belean 2017-10-17 This book guides readers through the design of hardware architectures using VHDL for digital communication and image processing applications that require performance computing. Further it includes the description of all the VHDL-related notions, such as language, levels of abstraction, combinational vs. sequential logic, structural and behavioral

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description, digital circuit design, and finite state machines. It also includes numerous examples to make the concepts presented in text more easily understandable.

Distributed Simulation Okan Topçu 2016-01-27 This unique text/reference provides a comprehensive review of distributed simulation (DS) from the perspective of Model Driven Engineering (MDE), illustrating how MDE affects the overall lifecycle of the simulation development process. Numerous practical case studies are included to demonstrate the utility and applicability of the methodology, many of which are developed from tools available to download from the public domain. Topics and features: Provides a thorough introduction to the fundamental concepts, principles and processes of modeling and simulation, MDE and high-level architecture Describes a road map for building a DS system in accordance with the MDE perspective, and a technical framework for the development of conceptual models Presents a focus on federate (simulation environment) architectures, detailing a practical approach to the design of federations (i.e., simulation member design) Discusses the main activities related to scenario management in DS, and explores the process of MDE-based implementation, integration and testing Reviews approaches to simulation evolution and modernization, including architecture-driven modernization for simulation modernization Examines the potential synergies between the agent, DS, and MDE methodologies, suggesting avenues for future research at the intersection of these three fields Distributed Simulation – A Model Driven Engineering Approach is an important resource for all researchers and practitioners involved in modeling and simulation, and software engineering, who may be interested in adopting MDE principles when developing complex DS systems.

Principle Based Enterprise Architecture Ian Koenig 2019-04-15 The Principle Based Enterprise Architecture (PBEA) Method is a proven approach for implementing an enterprise-wide architecture practice in large- and medium-sized technology organizations. The method begins with a set of architecture objectives linked to concepts that matter to the business. It then lays out how to build technology platforms from components we call assets and how to manage those assets over time, through the calculation and management of technical debt. The PBEA method is a pragmatic approach to enterprise technology architecture which is based on the fundamental tenet that technology is never perfect, compromises must be made, and one of the most valuable functions an enterprise architecture group can provide for a company is a method for managing those compromises. We call the cost of these compromises "technical debt". It is essentially the difference between what we should have spent on technology and what we did spend. The PBEA method grew from the experience of watching how large technology organizations function (or do not function as the case may be). You will learn about such essential topics as: Best practices for building, managing, and ultimately evolving an enterprise architecture. Defining principles and golden rules to guide the high-quality creation of the building blocks of products and platforms (assets). Calculating technical debt and assessing the business risk associated with carrying that debt. Identifying

and managing the actions required to pay off technical debt and mitigate any associated business risk. If you have witnessed products and platforms 'collapsing under the burden of technical debt', then this book is for you. If you have seen technology organizations fail to learn from their mistakes, then this book is also for you. If you have been involved in the development of products where Version 2 required almost a rewrite of Version 1 or worked in technology organizations that spend an excessive portion of their budget on maintenance, then the PBEA method may provide both insight and benefit. Or if you are an enterprise architect and have witnessed one or more Enterprise Architecture functions get eliminated because they were seen as 'too ivory tower' and too distant from the customer, then this book will provide you with a concrete, fact-based approach for building an enterprise architecture function that is fully aligned with business objectives and that delivers real measurable benefit to the corporation.

Computer Architecture John L. Hennessy 2012 The computing world today is in the middle of a revolution: mobile clients and cloud computing have emerged as the dominant paradigms driving programming and hardware innovation today. The Fifth Edition of Computer Architecture focuses on this dramatic shift, exploring the ways in which software and technology in the cloud are accessed by cell phones, tablets, laptops, and other mobile computing devices. Each chapter includes two real-world examples, one mobile and one datacenter, to illustrate this revolutionary change. Updated to cover the mobile computing revolution Emphasizes the two most important topics in architecture today: memory hierarchy and parallelism in all its forms. Develops common themes throughout each chapter: power, performance, cost, dependability, protection, programming models, and emerging trends ("What's Next") Includes three review appendices in the printed text. Additional reference appendices are available online. Includes updated Case Studies and completely new exercises.

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[HTTPS://WWW.CODEOFCHINA.COM](https://www.codeofchina.com) EMAIL:COC@CODEOFCHINA.COM "Codeofchina Inc., a part of TransForyou (Beijing) Translation Co., Ltd., is a professional Chinese code translator in China. Now, Codeofchina Inc. is running a professional Chinese code website, www.codeofchina.com. Through this website, Codeofchina Inc. provides English-translated Chinese codes to clients worldwide. About TransForyou TransForyou (Beijing) Translation Co., Ltd., established in 2003, is a reliable language service provider for clients at home and abroad. Since our establishment, TransForyou has been aiming to build up a translation brand with our professional dedicated service. Currently, TransForyou is the director of China Association of Engineering Construction Standardization (CECS); the committeeman of Localization Service Committee / Translators Association of China (TAC) and the member of Boya Translation Culture Salon (BTCS); and the field study center of the University of the University of International Business & Economics (UIBE) and Hebei University (HU). In 2016, TransForyou ranked 27th among Asian Language Service Providers by Common Sense Advisory. "

Passive Solar Architecture David Bainbridge 2011-08-18 New buildings can be

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designed to be solar oriented, naturally heated and cooled, naturally lit and ventilated, and made with renewable, sustainable materials—no matter the location or climate. In this comprehensive overview of passive solar design, two of America's solar pioneers give homeowners, architects, designers, and builders the keys to successfully harnessing the sun and maximizing climate resources for heating, cooling, ventilation, and daylighting. Bainbridge and Haggard draw upon examples from their own experiences, as well as those of others, of more than three decades to offer both overarching principles as well as the details and formulas needed to successfully design a more comfortable, healthy, and secure place in which to live, laugh, dance, and be comfortable. Even if the power goes off. Passive Solar Architecture also discusses "greener" and more-sustainable building materials and how to use them, and explores the historical roots of green design that have made possible buildings that produce more energy and other resources than they use.

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HTTPS://WWW.CODEOFCHINA.COM EMAIL:COC@CODEOFCHINA.COM "Codeofchina Inc., a part of TransForyou (Beijing) Translation Co., Ltd., is a professional Chinese code translator in China. Now, Codeofchina Inc. is running a professional Chinese code website, www.codeofchina.com. Through this website, Codeofchina Inc. provides English-translated Chinese codes to clients worldwide. About TransForyou TransForyou (Beijing) Translation Co., Ltd., established in 2003, is a reliable language service provider for clients at home and abroad. Since our establishment, TransForyou has been aiming to build up a translation brand with our professional dedicated service. Currently, TransForyou is the director of China Association of Engineering Construction Standardization (CECS); the committeeman of Localization Service Committee / Translators Association of China (TAC) and the member of Boya Translation Culture Salon (BTCS); and the field study center of the University of the University of International Business & Economics (UIBE) and Hebei University (HU). In 2016, TransForyou ranked 27th among Asian Language Service Providers by Common Sense Advisory. "

Designing Transformation Elana Shapira 2021-07-29 Jewish designers and architects played a key role in shaping the interwar architecture of Central Europe, and in the respective countries where they settled following the Nazi's rise to power. This book explores how Jewish architects and patrons influenced and reformed the design of towns and cities through commercial buildings, urban landscaping and other material culture. It also examines how modern identities evolved in the context of migration, commercial and professional networks, and in relation to the conflict between nationalist ideologies and international aspirations in Central Europe and beyond. Pointing to the production within cultural platforms shared by Jews and Christians, the book's research sheds new light on the importance of integrating Jews into Central European design and aesthetic history. Leading historians, curators, archivists and architects present their critical analyses further to 'design' the past and push forward a transformation in the historical consciousness of Central Europe. By reconsidering the seminal role of Central European émigré and exiled architects and designers in shaping today's global design cultures, this book further

strengthens humanistic, progressive and pluralistic cultural trends in Europe today.

Multi-Agent-Based Simulation VIII Luis Antunes 2008-07-26 This book constitutes the thoroughly refereed post-proceedings of the 8th International Workshop on Multi-Agent-Based Simulation, MABS 2007, held in Honolulu, HI, USA in May 2007 as an associated event of AAMAS 2007, the main international conference on autonomous agents and multi-agent systems. The 10 revised full papers presented were carefully reviewed and selected from 20 submissions. The papers are organized in topical sections on architectures; teams, learning, education; economy, trust and reputation.

Architectural Design and Regulation Rob Imrie 2011-01-21 From the earliest periods of architecture and building, architects' actions have been conditioned by rules, regulations, standards, and governance practices. These range from socio-cultural and religious codes seeking to influence the formal structure of settlement patterns, to prescriptive building regulations specifying detailed elements of design in relation to the safety of building structures. In *Architectural Design and Regulation* the authors argue that the rule and regulatory basis of architecture is part of a broader field of socio-institutional and political interventions in the design and development process that serve to delimit, and define, the scope of the activities of architects. The book explores how the practices of architects are embedded in complex systems of rules and regulations. The authors develop the understanding that the rules and regulations of building form and performance ought not to be counterpoised as external to creative processes and practices, but as integral to the creation of well-designed places. The contribution of *Architectural Design and Regulation* is to show that far from the rule and regulatory basis of architecture undermining the capacities of architects to design, they are the basis for new and challenging activities that open up possibilities for reinventing the actions of architects.

Innovative Trends in Flipped Teaching and Adaptive Learning Sein-Echaluce, María Luisa 2019-05-15 Understanding new educational innovations is essential for the improvement of the training and learning process. In order to effectively implement these new tools in the classroom, teachers and trainers need access to real-life cases in which these methods were successfully used. *Innovative Trends in Flipped Teaching and Adaptive Learning* is a critical scholarly resource that examines current advances in educational innovation and presents cases that allow for the improvement of personalized and active learning. Featuring a wide range of topics such as higher education, teacher education, and learning strategies, this book is ideal for educators, instructional designers, academicians, researchers, and students.

Token: A Journal of English Linguistics (Volume 3) Marina Dossena 2014-12-01 *Token* focuses on English linguistics in a broad sense, taking in both diachronic and synchronic work, grammatical as well as lexical studies. That being said, the journal favors empirical research. All submissions are double-

blind peer reviewed. Token is the original medium of publication for all articles that the journal prints.

XML and Web Services Unleashed Ron Schmelzer 2002 The complete and up-to-date XML reference book on topics that matter. The XMLliterate developer is certain to find plenty of new topics and emerging specs that have not been explored previously.

Experimental Investigations on Joining Techniques for Paper Structures Evgenia Kanli 2021-08-26 The background of this research is related to innovative lightweight construction methods for short-term applications realized with highly recyclable materials produced from renewable resources. Specifically, the possibility of using selected paper-based products for design purposes is examined. The main topic discussed regards the state of the art and future potential of joining techniques for assemblies and structures designed with paper-based products. In this context, the preference on paper-tubes for a variety of designs is examined closely. A collection of case studies for selected joining techniques supported with digital tools, fabrication of prototypes and targeted structural experiments demonstrates possibilities and considerations. This book presents the research process and aims to inspire architects, designers and engineers who are eager to discuss on material innovation and the steps that need to be taken to examine the feasibility of such ideas.

Planting Design Patrick Mooney 2019-11-19 Landscape designers have long understood the use of plants to provide beauty, aesthetic pleasure and visual stimulation while supporting a broad range of functional goals. However, the potential for plants in the landscape to elicit human involvement and provide mental stimulation and restoration is much less well understood. This book meshes the art of planting design with an understanding of how humans respond to natural environments. Beginning with an understanding of human needs, preferences and responses to landscape, the author interprets the ways in which an understanding of the human-environment interaction can inform planting design. Many of the principles and techniques that may be used in planting design are beautifully illustrated in full colour with examples by leading landscape architects and designers from the United Kingdom, Europe, North America and Asia, including: Andrea Cochran, Andrea Cochran Landscape Architecture, San Francisco, CA Design Workshop Inc. Richard Hartlage, Land Morphology, Seattle, WA Shunmyo Masuno, Japan Landscape Consultants Ltd., Yokohama Piet Oudolf, Hummelo, The Netherlands Melody Redekop, Vancouver Christine Ten Eyck, Ten Eyck Landscape Architects Inc., Austin, TX Kongjian Yu, Turenscape Ltd., Beijing. The book stimulates thought, provides new direction and assists the reader to find their own unique design voice. Because there are many valid processes and intentions for landscape design, the book is not intended to be overly prescriptive. Rather than presenting a strict design method and accompanying set of rules, *Planting Design* provides information, insight and inspiration as a basis for developing the individual designer's own expression in this most challenging of art forms.

GB/T-2020, GB-2020 -- Chinese National Standard PDF-English, Catalog (year 2020) <https://www.chinesestandard.net> 2020-06-06 This document provides the comprehensive list of Chinese National Standards - Category: GB, GB/T Series of year 2020.

The Quest for Artificial Intelligence Nils J. Nilsson 2009-10-30 Artificial intelligence (AI) is a field within computer science that is attempting to build enhanced intelligence into computer systems. This book traces the history of the subject, from the early dreams of eighteenth-century (and earlier) pioneers to the more successful work of today's AI engineers. AI is becoming more and more a part of everyone's life. The technology is already embedded in face-recognizing cameras, speech-recognition software, Internet search engines, and health-care robots, among other applications. The book's many diagrams and easy-to-understand descriptions of AI programs will help the casual reader gain an understanding of how these and other AI systems actually work. Its thorough (but unobtrusive) end-of-chapter notes containing citations to important source materials will be of great use to AI scholars and researchers. This book promises to be the definitive history of a field that has captivated the imaginations of scientists, philosophers, and writers for centuries.

GB/T-2021, GB-2021 -- Chinese National Standard PDF-English, Catalog (year 2021) <https://www.chinesestandard.net> 2022-06-02 This document provides the comprehensive list of Chinese National Standards - Category: GB, GB/T Series of year 2021.

Internet Security

Studying Dialect Rob Penhallurick 2018-02-22 This book provides an accessible yet comprehensive introduction to the study of the dialects of English as they are spoken around the world, from the earliest dialect dictionaries of the sixteenth century to contemporary research emerging from the field of geolinguistics. Organised into ten thematic chapters, it explores and evaluates the methods and purposes of each approach to the study of dialectal variation, with full explanations of technical terms throughout. Illuminating one of the most productive fields of interest in language study, this compelling book is essential reading for students of dialect and regional difference in English.

IT Outsourcing: Concepts, Methodologies, Tools, and Applications St.Amant, Kirk 2009-07-31 "This book covers a wide range of topics involved in the outsourcing of information technology through state-of-the-art collaborations of international field experts"--Provided by publisher.

The Phaidon Atlas of Contemporary World Architecture Phaidon Press 2005-06 A condensed version of the information contained in the ground breaking Phaidon Atlas of Contemporary World Architecture, this travel edition is pocket sized and portable, ideal for the holiday or business traveller. Organized geographically and illustrated with global, regional and sub-regional maps, locating each building, plus twenty seven city orientations, the book contains

1,052 buildings, each of which is illustrated with a single image, and is accompanied by a brief description as well as the address and telephone number

3G, 4G and Beyond Martin Sauter 2013-01-04 Extensively updated evaluation of current and future network technologies, applications and devices This book follows on from its successful predecessor with an introduction to next generation network technologies, mobile devices, voice and multimedia services and the mobile web 2.0. Giving a sound technical introduction to 3GPP wireless systems, this book explains the decisions taken during standardization of the most popular wireless network standards today, LTE, LTE-Advanced and HSPA+. It discusses how these elements strongly influence each other and how network capabilities, available bandwidth, mobile device capabilities and new application concepts will shape the way we communicate in the future. This Second Edition presents a comprehensive and broad-reaching examination of a fast-moving technology which will be a welcome update for researchers and professionals alike. Key features: Fully updated and expanded to include new sections including VoLTE, the evolution to 4G, mobile Internet access, LTE-Advanced, Wi-Fi security and backhaul for wireless networks Describes the successful commercialization of Web 2.0 services such as Facebook, and the emergence of app stores, tablets and smartphones Examines the evolution of mobile devices and operating systems, including ARM and x86 architecture and their application to voice-optimized and multimedia devices

Service Oriented, Holonic and Multi-Agent Manufacturing Systems for Industry of the Future Theodor Borangiu 2021-03-02 The scientific theme of the book concerns "Manufacturing as a Service (MaaS)" which is developed in a layered cloud networked manufacturing perspective, from the shop floor resource sharing model to the virtual enterprise collaborative model, by distributing the cost of the manufacturing infrastructure - equipment, software, maintenance, networking - across all customers. MaaS is approached in terms of new models of service-oriented, knowledge-based manufacturing systems optimized and reality-aware, that deliver value to customer and manufacturer via Big data analytics, Internet of Things communications, Machine learning and Digital twins embedded in Cyber-Physical System frameworks. From product design to after-sales services, MaaS relies on the servitization of manufacturing operations such as: Design as a Service, Predict as a Service or Maintain as a service. The general scope of the book is to foster innovation in smart and sustainable manufacturing and logistics systems and in this context to promote concepts, methods and solutions for the digital transformation of manufacturing through service orientation in holonic and agent-based control with distributed intelligence. The book's readership is comprised by researchers and engineers working in the manufacturing value chain area who develop and use digital control solutions in the 'Industry of the Future' vision. The book also addresses to master and Ph.D. students enrolled in Engineering Sciences programs.

Design It! Michael Keeling 2017-10-18 Don't engineer by coincidence-design it like you mean it! Filled with practical techniques, Design It! is the perfect

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introduction to software architecture for programmers who are ready to grow their design skills. Lead your team as a software architect, ask the right stakeholders the right questions, explore design options, and help your team implement a system that promotes the right -ilities. Share your design decisions, facilitate collaborative design workshops that are fast, effective, and fun-and develop more awesome software! With dozens of design methods, examples, and practical know-how, Design It! shows you how to become a software architect. Walk through the core concepts every architect must know, discover how to apply them, and learn a variety of skills that will make you a better programmer, leader, and designer. Uncover the big ideas behind software architecture and gain confidence working on projects big and small. Plan, design, implement, and evaluate software architectures and collaborate with your team, stakeholders, and other architects. Identify the right stakeholders and understand their needs, dig for architecturally significant requirements, write amazing quality attribute scenarios, and make confident decisions. Choose technologies based on their architectural impact, facilitate architecture-centric design workshops, and evaluate architectures using lightweight, effective methods. Write lean architecture descriptions people love to read. Run an architecture design studio, implement the architecture you've designed, and grow your team's architectural knowledge. Good design requires good communication. Talk about your software architecture with stakeholders using whiteboards, documents, and code, and apply architecture-focused design methods in your day-to-day practice. Hands-on exercises, real-world scenarios, and practical team-based decision-making tools will get everyone on board and give you the experience you need to become a confident software architect.

Innovative Student Residences Avi Friedman 2016-03-29 Current design modes of student residences are facing challenges of both philosophy and form. Past approaches no longer sustain new demands and require innovative thinking. The need for a new outlook is propelled by fundamental changes that touch upon environmental, economic, and social factors. Thinking innovatively about university accommodation led to the idea to write Innovative Student Residences. The author offer a fascinating insight into contemporary design concepts and illustrates them with outstanding examples, showcased by full-color photography and detailed plans.

The Rise of Awards in Architecture Jean-Pierre Chupin 2022-09-06 This book is the first scientific study to focus on awards in architecture and the built environment investigating their exponential growth since the 1980s. The celebration of excellence in architecture and related fields remains a phenomenon on which there is strangely little scientific scrutiny. What is to be understood from the plethora of award-winning projects, award-winning buildings and awarded professional practices in the built environment, year after year? Glossy images partake in an intense ballet at every local, regional, national or international award ceremony and they are meant to embody proofs of architectural excellence. However, it is necessary to take a critical distance to question what awards are meant to embody, symbolize, and perhaps measure. Each of the 10 chapters in this volume is centered on one question

related to themes as varied as the comparison of Pritzker and Nobel Prizes, the Prix de Rome, the redefinition of quality through awards, green awards and sustainability, the multiplication of sustainable awards, heritage awards, architecture book awards, the awarding of school architecture, awards as mediations and awards as pedagogical devices. Many fields, once consolidated, have featured a sharp increase in related prizes. The original data, compiled and summarized in 4 appendices cover more than 150 award-granting organizations in some 30 countries. Our inventory includes upwards of 24,000 prizes awarded at more than 3,100 events, the earliest of which is the first instance of Western architecture's seminal Grand Prix de Rome in France in 1720. A history of contemporary architecture is thus written through press releases that praise the merits of the heroes as much as their works and achievements. And while awards can be vehicles that propel architecture forward, they can also be Trojan horses in an era that is constantly on the lookout for event-driven products, small and big news, and brand imaging.

Defensible Space on the Move Loretta Lees 2022-02-18 Both theoretically informed and empirically rich, *Defensible Space* makes an important conceptual contribution to policy mobilities thinking, to policy and practice, and also to practitioners handling of complex spatial concepts. Critically examines the geographical concept *Defensible Space*, which has been influential in designing out crime to date, and has been applied to housing estates in the UK, North America, Europe and beyond Evaluates the movement/mobility/mobilisation of defensible space from the US to the UK and into English housing policy and practice Explores the multiple ways the concept of defensible space was interpreted and implemented, as it circulated from national to local level and within particular English housing estates Critiquing and pushing forwards work on policy mobilities, the authors illustrate for the first time how transfer mechanisms worked at both a policy and practitioner level Drawing on extensive archival research, oral histories and in-depth interviews, this important book reveals defensible space to be ambiguous, uncertain in nature, neither proven or disproven scientifically

GB/T-2016, GB-2016 -- Chinese National Standard PDF-English, Catalog (year 2016) <https://www.chinesestandard.net> 2020-06-06 This document provides the comprehensive list of Chinese National Standards - Category: GB, GB/T Series of year 2016.

The 8th International Conference on Knowledge Management in Organizations Lorna Uden 2013-09-06 The proceedings from the eighth KMO conference represent the findings of this international meeting which brought together researchers and developers from industry and the academic world to report on the latest scientific and technical advances on knowledge management in organizations. This conference provided an international forum for authors to present and discuss research focused on the role of knowledge management for innovative services in industries, to shed light on recent advances in social and big data computing for KM as well as to identify future directions for researching the role of knowledge management in service innovation and how cloud computing can

be used to address many of the issues currently facing KM in academia and industrial sectors.

The Big Book of Small Home Plans Design America Inc. 2017-09-19 Smaller homes are growing in popularity as more people decide to live simpler yet fuller lives with less square footage, less responsibility, and less stuff. Smaller homes can provide substantial savings in tax, building, heating, maintenance, and repair costs, with reduced ecological impact. Build the small home of your dreams by doing all or part of the work yourself. This practical do-it-yourself guide will help you make your dreams a reality. Whether you're looking to build the ideal cabin, cottage, small home, or tiny house, you're sure to find it here. Select from a catalog of more than 360 expertly prepared plans for building a variety of small homes under 1,200 square feet. Easy-to-follow construction blueprints and materials lists are available for each project to ensure success. Big Book of Small Home Plans is also packed with advice for rightsizing your house while maximizing your living space, with useful tips on small home organizing, decorating, and smart storage.

Sociology David M. Newman 2022-08-11 In the Fourteenth Edition of *Sociology: Exploring the Architecture of Everyday Life*, David Newman shows students how to see the "unfamiliar in the familiar"—to step back and see organization and predictability in their take-for-granted personal experiences. With his approachable writing style and lively anecdotes, the author's goal from the first edition has been the same: to write a textbook that "reads like a real book." Many adopters of this book are fans of Peter Berger's classic works, which helped introduce the idea of "social constructionism" to sociology. Newman uses the metaphors of "architecture" and "construction" to help students understand that society is not something that exists "out there," independently of themselves; it is a human creation that is planned, maintained, or altered by individuals. Using vivid prose, current examples, and fresh data, this text presents a unique and thought-provoking overview of how society is constructed and experienced. Instead of surveying every subfield in sociology, the more streamlined coverage (14 chapters) focuses on the individual and society, the construction of self and society, and social inequality in the context of social structures. This title is accompanied by a complete teaching and learning package in SAGE Vantage, an intuitive learning platform that integrates quality SAGE textbook content with assignable multimedia activities and auto-graded assessments to drive student engagement and ensure accountability. Unparalleled in its ease of use and built for dynamic teaching and learning, Vantage offers customizable LMS integration and best-in-class support.

Reusable and Sustainable Building Materials in Modern Architecture Koç, Gül?ah 2018-11-02 Designing buildings and physical environments depends on social structure, social needs, economic data, environment, and technological development. Planning these environments is heavily influenced by cultural and regional need, the existing environment, and the materials available. *Reusable and Sustainable Building Materials in Modern Architecture* is an essential

reference source that discusses the shaping of building design through culture and materials as well as the influence of environment on building design. Featuring research on topics such as passive design, ecological design, and urban design, this book is ideal for academicians, specialists, and researchers seeking coverage on culture, environment, and building design.

Materiality in Roman Art and Architecture Annette Haug 2021-12-31 The focus of this volume is on the aesthetics, semantics and function of materials in Roman antiquity between the 2nd century B.C. and the 2nd century A.D. It includes contributions on both architectural spaces (and their material design) and objects – types of 'artefacts' that differ greatly in the way they were used, perceived and loaded with cultural significance. With respect to architecture, the analysis of material aesthetics leads to a new understanding of the performance, imitation and transformation of surfaces, including the social meaning of such strategies. In the case of objects, surface treatments are equally important. However, object form (a specific design category), which can enter into tension with materiality, comes into particular focus. Only when materials are shaped do their various qualities emerge, and these qualities are, to a greater or lesser extent, transferred to objects. With a focus primarily on Roman Italy, the papers in this volume underscore the importance of material design and highlight the awareness of this matter in the ancient world.