

Java RMI Designing Building Distributed Applications JAVA SERIES

Java RMI Java RMI Reinventing Fire [Design Professional's Guide to Zero Net Energy Buildings](#) Mechanical and Electrical Equipment for Buildings The Natural Advantage of Nations Building Surveyor 's Pocket Book Building for Life Sustainable Architectural Design [The Green Studio Handbook](#) The Architect's Handbook of Professional Practice Building Web Applications with UML Seismic Behavior of Steel Storage Pallet Racking Systems Real Prospects for Energy Efficiency in the United States How to Design and Build a Green Office Building [The Energy Reader](#) Structural Design of Low-Rise Buildings in Cold-Formed Steel, Reinforced Masonry, and Structural Timber Building Smart Cities Whole System Design Java Server Programming J2Ee 1.4 Ed. Black Book [Nuclear Power's Global Expansion](#) The Necessary Revolution [Nuclear Power's Global Expansion](#) [Deep Design](#) A Whole-System Approach to High Performance Green Buildings Energy Efficiency NEHRP Recommended Provisions for Seismic Regulations for New Buildings and Other Structures, Part 2 - Commentary, 2000 Edition, March 2001 NEHRP Recommended Provisions for Seismic Regulations for New Buildings and Other Structures Building in Value: Pre-Design Issues [Building Maintenance When Technology Fails](#) [Head First Design Patterns](#) Living in the Environment: Principles, Connections, and Solutions A Legal Guide to Urban and Sustainable Development for Planners, Developers and Architects Building the evidence base on the agricultural nutrition nexus America's Energy Future The World's Greenest Buildings [Seismic Considerations for Steel Storage Racks Located in Areas Accessible to the Public](#) [The Environmental Brief](#) [Design Solutions for nZER Retrofit Buildings](#)

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A Legal Guide to Urban and Sustainable Development for Planners, Developers and Architects Dec 29 2019 Written by pioneering attorneys in the emerging fields of urbanism and green building, A Legal Guide to Urban and Sustainable Development for Planners, Developers and Architects offers you practical solutions for legal issues you may face in planning, zoning, developing, and operating such communities. Find information on legal issues related to urban form, legal mechanisms and ways to incorporate good urban design into local land regulation, overcoming impediments to sound urban design practice, and state and Federal issues related to the legal issues of urban design and planning.

The Necessary Revolution Jan 10 2021 This is a timely and groundbreaking book from the bestselling author of "The Fifth Discipline" series and "Presence". "The Necessary Revolution" reveals how corporations and organizations are, in the face of looming environmental crises and pressure from social issues, finding solutions that ensure both long-term survival and real-time business success. "The Necessary Revolution" is destined to become the essential handbook for everyone who understands the need to act and work together now to create a sustainable world for ourselves and the generations to come. A revolution is underway, and spreading fast. Organizations everywhere are boldly leading the change from the dead-end of 'business as usual' to new strategies and transformative practices that promote a flourishing, sustainable world. Pragmatic and powerful, today's most innovative leaders know that revolutionary - not incremental - changes in the way we live and work are necessary for their, and our, survival. Brimming with inspiring stories from around the globe, and organizations ranging from Alcoa to Oxfam, DuPont to GE, "The Necessary Revolution" clearly shows that ordinary people at every level within every organization have the ability and innovative spirit to do extraordinary things. By working collaboratively across boundaries, they are amplifying their creativity to find unprecedented solutions in an intensely interdependent world. "The Necessary Revolution" contains a wealth of strategies to help anyone, regardless of role or title, build the confidence and competence to respond effectively to the greatest challenge of our time. It is destined to become the essential handbook for everyone who understands the need to act and work together - now - to create a sustainable world for ourselves and the generations to follow.

Whole System Design Apr 12 2021 Whole System Design is increasingly being seen as one of the most cost-effective ways to both increase the productivity and reduce the negative environmental impacts of an engineered system. A focus on design is critical as the output from this stage of the project locks in most of the economic and environmental performance of the designed system throughout its life which can span from a few years to many decades. Indeed it is now widely acknowledged that all designers - particularly engineers architects and industrial designers - need to be able to understand and implement a whole system design approach. This book provides a clear design methodology based on leading efforts in the field and is supported by worked examples that demonstrate how advances in energy materials and water productivity can be achieved through applying an integrated approach to sustainable engineering. Chapters 1-5 outline the approach and explain how it can be implemented to enhance the established Systems Engineering framework. Chapters 6-10 demonstrate through detailed worked examples the application of the approach to industrial pumping systems passenger vehicles electronics and computer systems temperature control of buildings and domestic water systems. Published with The Natural Edge Project the World Federation of Engineering Organizations UNESCO and the Australian Government.

The Architect's Handbook of Professional Practice Dec 21 2021 CD-ROM contains: Samples of all AIA contract documents.

[Nuclear Power's Global Expansion](#) Dec 09 2020

Structural Design of Low-Rise Buildings in Cold-Formed Steel, Reinforced Masonry, and Structural Timber Jun 14 2021 A concise guide to the structural design of low-rise buildings in cold-formed steel, reinforced masonry, and structural timber This practical reference discusses the types of low-rise building structural systems, outlines the design process, and explains how to determine structural loadings and load paths pertinent to low-rise buildings. Characteristics and properties of materials used in the construction of cold-formed steel, reinforced masonry, and structural timber buildings are described along with design requirements. The book also provides an overview of noncomposite and composite open-web joist floor systems. Design code requirements referenced by the 2009 International Building Code are used throughout. This is an ideal resource for structural engineering students, professionals, and those preparing for licensing examinations. Structural Design of Low-Rise Buildings in Cold-Formed Steel, Reinforced Masonry, and Structural Timber covers: Low-rise building systems Loads and load paths in low-rise buildings Design of cold-formed steel structures Structural design of reinforced masonry Design of structural timber Structural design with open-web joists

[When Technology Fails](#) Mar 31 2020 There's never been a better time to "be prepared." Matthew Stein's comprehensive primer on sustainable living skills—from food and water to shelter and energy to first-aid and crisis-management skills—prepares you to embark on the path toward sustainability. But unlike any other book, Stein not only shows you how to live "green" in seemingly stable times, but to live in the face of potential disasters, lasting days or years, coming in the form of social upheaval, economic meltdown, or environmental catastrophe. When Technology Fails covers the gamut. You'll learn how to start a fire and keep warm if you've been left temporarily homeless, as well as the basics of installing a renewable energy system for your home or business. You'll learn how to find and sterilize water in the face of utility failure, as well as practical information for dealing with water-quality issues even when the public tap water is still flowing. You'll learn alternative techniques for heating equally suited to an era of profit-driven malpractice as to situations of social calamity. Each chapter (a survey of the risks to the status quo; supplies and preparation for short- and long-term emergencies; emergency measures for survival; water; food; shelter; clothing; first aid, low-tech medicine, and healing; energy, heat, and power; metalworking; utensils and storage; low-tech chemistry; and engineering, machines, and materials) offers the same approach, describing skills for self-reliance in good times and bad. Fully revised and expanded—the first edition was written pre-9/11 and pre-Katrina, when few Americans took the risk of social disruption seriously—When Technology Fails ends on a positive, proactive note with a new chapter on "Making the Shift to Sustainability," which offers practical suggestions for changing our world on personal, community and global levels.

America's Energy Future Oct 26 2019 For multi-user PDF licensing, please contact customer service. Energy touches our lives in countless ways and its costs are felt when we fill up at the gas pump, pay our home heating bills, and keep businesses both large and small running. There are long-term costs as well: to the environment, as natural resources are depleted and pollution contributes to global climate change, and to national security and independence, as many of the world's current energy sources are increasingly concentrated in geopolitically unstable regions. The country's challenge is to develop an energy portfolio that addresses these concerns while still providing sufficient, affordable energy reserves for the nation. The United States has enormous resources to put behind solutions to this energy challenge; the dilemma is to identify which solutions are the right ones. Before deciding which energy technologies to develop, and on what timeline, we need to understand them better. America's Energy Future analyzes the potential of a wide range of technologies for generation, distribution, and conservation of energy. This book considers technologies to increase energy efficiency, coal-fired power generation, nuclear power, renewable energy, oil and natural gas, and alternative transportation fuels. It offers a detailed assessment of the associated impacts and projected costs of implementing each technology and categorizes them into three time frames for implementation.

[Deep Design](#) Nov 07 2020 In [Deep Design](#), David Wann explores a new way of thinking about design, one that asks "What is our ultimate goal?" before the first step has even been taken. Designs that begin with such a question -- whether in products, buildings, technologies, or communities -- are sensitive to living systems, and can potentially accomplish their mission without the seemingly unavoidable side effects of pollution, erosion, congestion, and stress. Such "deep designs" meet the key criteria of renewability, recyclability, and nontoxicity. Often based on natural systems, they are easy to understand and implement, and provide more elegant approaches to getting the services and functions we need. Wann presents information gleaned from interviews with more than fifty innovative designers in a wide variety of fields, and describes numerous case studies that explain the concept and practice of deep design.

Building in Value: Pre-Design Issues Jun 02 2020 The concept of value in projects is a key issue for everyone involved in the construction industry. Building in Value brings together many experts in the field to outline the wide range of tools, techniques and procedures that can and should be used to make the building procurement phase as efficient as possible. The authors go on to discuss how to ensure that future problems in the design and construction of the buildings are anticipated at the start and to minimise the likelihood of future hiccups. Integrating strategic, financial and construction management techniques, this book provides an essential guide for construction professionals.

Building Smart Cities May 14 2021 The term "smart city" defines the new urban environment, one that is designed for performance through information and communication technologies. Given that the majority of people across the world will live in urban environments within the next few decades, it's not surprising that massive effort and investment is being placed into efforts to deliver

[The Environmental Brief](#) Jul 24 2019 The built environment is responsible for an estimated forty-five per cent of all greenhouse gas emissions. As the greatest opportunities for reducing these emissions occur during the briefing and design processes, the pathway to better design lies in preparing environmental briefs, and using these to drive building design and produce buildings of high environmental performance. This process-driven book looks at the theoretical issues involved in an environmental brief, and outlines methods by which architects can approach the writing of a brief that considers all aspects of the natural and the built environment, and relates these concepts to a number of case studies from around the world.

A Whole-System Approach to High Performance Green Buildings Oct 07 2020 This authoritative new resource provides a comprehensive review of the current approaches to the design and construction of sustainable buildings. This hand-on guide features global case studies with practical examples of both successful and unsuccessful designs. The whole system approach to integrated design is clearly presented. This book includes insight into designing for the future, including design quality and future proofing, intelligent buildings, and whole life value. Nature inspired sustainable designs that can be mimicked in the construction industry are presented. Technical challenges such as energy efficiency, design, and computer modeling are explored along with various construction phase opportunities.

[Head First Design Patterns](#) Feb 29 2020 What will you learn from this book? You know you don't want to reinvent the wheel, so you look to Design Patterns: the lessons learned by those who've faced the same software design problems. With Design Patterns, you get to take advantage of the best practices and experience of others so you can spend your time on something more challenging. Something more fun. This book shows you the patterns that matter, when to use them and why, how to apply them to your own designs, and the object-oriented design principles on which they're based. Join hundreds of thousands of developers who've improved their object-oriented design skills through [Head First Design Patterns](#). What's so special about this book? If you've read a [Head First](#) book, you know what to expect: a visually rich format designed for the way your brain works. With [Head First Design Patterns](#), 2E you'll learn design principles and patterns in a way that won't put you to sleep, so you can get out there to solve software design problems and speak the language of patterns with others on your team.

Building Surveyor 's Pocket Book Apr 24 2022 Building Surveyor 's Pocket Book is an accessible encyclopaedia of matters vital to building surveyors. Well-illustrated with diagrams, pictures, tables, and graphs, it covers all essential elements of building pathology, building performance, and building construction terminology in a simple, accessible way for the practitioner and student. This Pocket Book provides a practical and portable reference text, working as a first-stop publication for those wishing to refresh their knowledge or in need of guidance on surveying practice. Working through fundamental principles in key practice areas, the book is not overly bound by the regulation and legislation of one region, and the principles can be applied internationally. This book is ideal reading for individual surveyors, practitioners, and students in building surveying, facilities management, refurbishment, maintenance, renovation, and services management. It is also of use for those interested in building forensics, building performance, pathology, and anyone studying for their RICS APC. Many other professions in architecture, contracting, engineering, and safety will also find the book of use when undertaking similar practice.

Building the evidence base on the agricultural nutrition nexus Nov 27 2019 This report summarises results of a rapid country scan on the agriculture-nutrition nexus in the Republic of the Marshall Islands (RMI). Research included a desk review of accessible policies, programmes and other documents, published and unpublished, as well as a field mission to RMI from 11 to 30 December 2017. The mission allowed additional quantitative and qualitative data gathering with interviews, site visits and a small seminar to debrief interviews, present preliminary findings and discuss potential follow-up with some stakeholders.

[The Energy Reader](#) Jul 16 2021 The Energy Reader presents a series of readings that examine the energy problem from an anthropological perspective and look at energy holistically, including social and cultural components and long term implications for global and social environmental change. Brings a unique critical approach to the problem of energy and its complexity Presents the topic as both a human

and a technological problem, differentiating long-term perspectives from short term fixes Includes coverage of the politics of energy, the protection of future generations, the avoidance of dangerous waste products, efficiency, resilience, and democratic relevance Features selections drawn from the work of physicists, economists, business experts, engineers, journalists, historians, and entrepreneurs
Seismic Considerations for Steel Storage Racks Located in Areas Accessible to the Public Aug 24 2019

Building for Life Mar 24 2022 Sustainable design has made great strides in recent years; unfortunately, it still falls short of fully integrating nature into our built environment. Through a groundbreaking new paradigm of "restorative environmental design," award-winning author Stephen R. Kellert proposes a new architectural model of sustainability. In *Building For Life*, Kellert examines the fundamental interconnectedness of people and nature, and how the loss of this connection results in a diminished quality of life. This thoughtful new work illustrates how architects and designers can use simple methods to address our innate needs for contact with nature. Through the use of natural lighting, ventilation, and materials, as well as more unexpected methodologies—the use of metaphor, perspective, enticement, and symbol—architects can greatly enhance our daily lives. These design techniques foster intellectual development, relaxation, and physical and emotional well-being. In the works of architects like Frank Lloyd Wright, Eero Saarinen, Cesar Pelli, Norman Foster, and Michael Hopkins, Kellert sees the success of these strategies and presents models for moving forward. Ultimately, Kellert views our fractured relationship with nature as a design problem rather than an unavoidable aspect of modern life, and he proposes many practical and creative solutions for cultivating a more rewarding experience of nature in our built environment.

NEHRP Recommended Provisions for Seismic Regulations for New Buildings and Other Structures, Part 2 - Commentary, 2000 Edition, March 2001 Aug 05 2020

Energy Efficiency Sep 05 2020 Energy risk has reappeared on the corporate and social agenda with a bang and the complexity of the issues has increased many-fold since the days of the last great wave of concern following the oil crises of the 1970s. Steven Fawkes' *Energy Efficiency* is a comprehensive guide for managers and policy-makers to the fundamental questions underpinning energy-efficiency and our responses to it: *ε* what do we really mean by energy efficiency? *ε* what is the potential (in different dimensions)? *ε* why is it important? *ε* what management processes lead to optimisation of energy efficiency? *ε* what technologies are useful for improving energy efficiency? *ε* what policies can be used to promote energy efficiency? *ε* how can energy efficiency be financed? *ε* how can energy suppliers engage with energy efficiency? The result is the most comprehensive review to-date of the barriers and opportunities associated with improving energy efficiency. Clearly written and erudite, Steven Fawkes addresses every aspect of energy efficiency, including the huge and vitally important untapped potential offered by effective energy management and the application of existing technology. He also identifies barriers, such as the rebound effect and how they can be mitigated and he provides a comprehensive review of innovative energy efficiency financing options. This book is a "must read" for anyone with an interest in energy supply and demand reduction.

Java RMI Sep 29 2022 Java RMI contains a wealth of experience in designing and implementing Java's Remote Method Invocation. If you're a novice reader, you will quickly be brought up to speed on why RMI is such a powerful yet easy-to-use tool for distributed programming, while experts can gain valuable experience for constructing their own enterprise and distributed systems. With Java RMI, you'll learn tips and tricks for making your RMI code excel. The book also provides strategies for working with serialization, threading, the RMI registry, sockets and socket factories, activation, dynamic class downloading, HTTP tunneling, distributed garbage collection, JNDI, and CORBA. In short, a treasure trove of valuable RMI knowledge packed into one book.

How to Design and Build a Green Office Building Aug 17 2021 In this book, you will learn how to protect the building occupants' health, improve employee productivity, use resources more efficiently, reduce your impact on the environment, select a site for a new building, protect and maintain the current landscape, use recycled content and natural lighting, install high-efficiency lighting systems, select heating and cooling systems and materials, and use dimensional planning and material efficiency strategies. You will also learn everything you need to know about water savings, energy efficiency, environmentally friendly building materials, indoor environmental quality, building shape and orientation, alternative energy sources, dual plumbing, green building guidelines, gray water systems, water-conserving fixtures, the costs and financial benefits of building green, foundations, floors, and roofing.

Reinventing Fire Aug 29 2022 Oil and coal have built our civilization, created our wealth and enriched the lives of billions. Yet their rising costs to our security, economy, health and environment are starting to outweigh their benefits. Moreover, the tipping point where alternatives work better and compete purely on cost is not decades in the future - it is here and now. And that tipping point has become the fulcrum of economic transformation. In *Reinventing Fire*, Amory Lovins and the Rocky Mountain Institute offer a new vision to revitalize business models and win the clean energy race - not forced by public policy but led by business for long-term advantage. This independent and rigorous account offers market-based solutions integrating transportation, buildings, industry and electricity. It maps pathways for running a 158%-bigger US economy in 2050 but needing no oil, no coal, no nuclear energy, one-third less natural gas and no new inventions. This transition would cost \$5 trillion less than business-as-usual - without counting fossil fuels' huge hidden costs. Whether you care most about profits and jobs, or national security, or environmental stewardship, climate, and health, *Reinventing Fire* makes sense. It's a story of astounding opportunities for creating the new energy era. -- Publisher description.

Living in the Environment: Principles, Connections, and Solutions Jan 28 2020 Sustainability is the integrating theme of this current and thought-provoking book. *LIVING IN THE ENVIRONMENT* provides the basic scientific tools for understanding and thinking critically about the environment. Co-authors G. Tyler Miller and Scott Spoolman inspire students to take a positive approach toward finding and implementing useful environmental solutions in their own lives and in their careers. Updated with the most up-to-date information, art, and Good News examples, the text engages and motivates students with vivid case studies and hands-on quantitative exercises. The concept-centered approach transforms complex environmental topics and issues into key concepts that students will understand and remember. Overall, by framing the concepts with goals for more sustainable lifestyles and human communities, students see how promising the future can be. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Real Prospects for Energy Efficiency in the United States Sep 17 2021 America's economy and lifestyles have been shaped by the low prices and availability of energy. In the last decade, however, the prices of oil, natural gas, and coal have increased dramatically, leaving consumers and the industrial and service sectors looking for ways to reduce energy use. To achieve greater energy efficiency, we need technology, more informed consumers and producers, and investments in more energy-efficient industrial processes, businesses, residences, and transportation. As part of the America's Energy Future project, *Real Prospects for Energy Efficiency in the United States* examines the potential for reducing energy demand through improving efficiency by using existing technologies, technologies developed but not yet utilized widely, and prospective technologies. The book evaluates technologies based on their estimated times to initial commercial deployment, and provides an analysis of costs, barriers, and research needs. This quantitative characterization of technologies will guide policy makers toward planning the future of energy use in America. This book will also have much to offer to industry leaders, investors, environmentalists, and others looking for a practical diagnosis of energy efficiency possibilities.

The Green Studio Handbook Jan 22 2022 The Green Studio Handbook remains an essential resource for design studios and professional practice. This extensive and user-friendly tool presents practical guidelines for the application of green strategies during the schematic design of buildings. Students and professionals can quickly get up to speed on system viability and sizing. Each of forty-three environmental strategies includes a brief description of principles and concepts, step-by-step guidance for integrating the strategy during the early stages of design, annotated tables and charts to assist with preliminary sizing, key issues to consider when implementing the strategy, and pointers to further resources. Ten new in-depth case studies illustrate diverse and successful green buildings integrated design projects and how the whole process comes together. This third edition features updated tables and charts that will help to save energy, water, and material resources during the early stages of design. More than 500 sketches and full-color images illustrate how to successfully apply strategies. A glossary, a project index listing 105 buildings in 20 countries, updated tables and drawings, and I-P and SI units increase the usefulness of *The Green Studio Handbook*.

Design Solutions for nZEB Retrofit Buildings Jun 22 2019 Construction projects, once they are completed, are intended to exist in the skylines of cities and towns for decades. Sustainable technologies seek to take these existing structures and make them environmentally friendly and energy efficient. *Design Solutions for nZEB Retrofit Buildings* is a critical scholarly resource that examines the importance of creating architecture that not only promotes the daily function of these buildings but is also environmentally sustainable. Featuring a broad range of topics including renewable energy sources, solar energy, and energy performance, this book is geared toward professionals, students, and researchers seeking current research on sustainable options for upgrading existing edifices to become more environmentally friendly.

Java Server Programming J2EE 1.4 Ed. Black Book Mar 12 2021 This book, *Java Server Programming (J2EE 1.4) Black Book, 2007 (Platinum Edition)*, is the one-time reference and solid introduction that covers all aspects of J2EE in an easy-to-understand approach - how an application server runs; how an application server deploys (easily and graphically); a complete know-how on design patterns, best practices, design strategies; Hibernate and Spring framework and proven solutions using the key J2EE technologies. - Introducing J2EE - Introducing Web Containers - JDBC and Database Programming - Understanding Servlet Programming - Understanding Servlet Sessions - Understanding of JSP and JSTL - Introducing RMI - Understanding Directory Services and JNDI - Understanding EJB - EJB Best Practices - Core J2EE Design Patterns - Filters in Web Application - J2EE Application Deployment and Authentication - Understanding JavaMail - Enterprise Java Web Services - Understanding JMX - J2EE Connector Architecture - Understanding Struts - JavaServer Faces - Hibernate - Introduction to the Spring Framework - Understanding XML Documents - Introduction to UML Notations

NEHRP Recommended Provisions for Seismic Regulations for New Buildings and Other Structures Jul 04 2020

Mechanical and Electrical Equipment for Buildings Jun 26 2022 The definitive guide to the design of environmental control systems for buildings—now updated in its 13th Edition *Mechanical and Electrical Equipment for Buildings* is the most widely used text on the design of environmental control systems for buildings—helping students of architecture, architectural engineering, and construction understand what they need to know about building systems and controlling a building's environment. With over 2,200 drawings and photographs, this 13th Edition covers basic theory, preliminary building design guidelines, and detailed design procedure for buildings of all sizes. It also provides information on the latest technologies, emerging design trends, and updated codes. Presented in nine parts, *Mechanical and Electrical Equipment for Buildings, Thirteenth Edition* offers readers comprehensive coverage of: environmental resources; air quality; thermal, visual, and acoustic comfort; passive heating and cooling; water design and supply; daylighting and electric lighting; liquid and solid waste; and building noise control. This book also presents the latest information on fire protection, electrical systems; and elevator and escalator systems. This Thirteenth Edition features: Over 2,200 illustrations, with 200 new photographs and illustrations All-new coverage of high-performance building design Thoroughly revised references to codes and standards: ASHRAE, IES, USGBC (LEED), Living Building Challenge, WELL Building Standard, and more Updated offering of best-in-class ancillary materials for students and instructors available via the book's companion website Architect Registration Examination® (ARE®) style study questions available in the instructor's manual and student guide *Mechanical and Electrical Equipment for Buildings*, has been the industry standard reference that comprehensively covers all aspects of building systems for over 80 years. This Thirteenth Edition has evolved to reflect the ever-growing complexities of building design, and has maintained its relevance by allowing for the conversation to include "why" as well as "how to."

Java RMI Oct 31 2022 If you're a distributed Java or Enterprise JavaBeans programmer, then you've undoubtedly heard of Java's Remote Method Invocation (RMI). Java programmers use RMI to write efficient, fault-tolerant distributed applications with very little time or effort. Whether you're networking across a LAN or across the Internet, RMI provides Java programmers with a lightweight solution to a heavyweight problem. Java RMI contains a wealth of experience in designing and implementing applications that use Remote Method Invocation. Novice readers will quickly be brought up to speed on why RMI is such a powerful yet easy-to-use tool for distributed programming, while experts can gain valuable experience for constructing their own enterprise and distributed systems. The book also provides strategies for working with: Serialization, Threading, The RMI registry, Sockets and socket factories, Activation, Dynamic class downloading, HTTP tunnelling, Distributed garbage collection, JNDI, CORBA. In short, a treasure trove of valuable RMI knowledge packed into one book!

Sustainable Architectural Design Feb 20 2022 This book is a guide to a sustainable design process that moves from theory, to site and energy use, to building systems, and finally to evaluation and case studies, so you can integrate design and technology for effective sustainable building. Kuppaswamy Iyengar shows you how to get it right the first time, use free energy systems, and utilize technologies that minimize fossil fuel use. Each chapter has a sustainable design overview, technical details and strategies marked by clear sections, a summary, and further resources. Heavily illustrated with charts, tables, drawings, photographs, and case studies, the book shows technologies and concepts integrated into cohesive project types, from small and large office spaces to single and multiuse residences, hospitals, schools, restaurants, and warehouses to demonstrate implementing your designs to meet clients' needs now and for the future. Includes an overview of alternate assessment and evaluation systems such as BREEAM, CASBEE, GBTool, Green Globes alongside LEED, ECOTECT, energy 10, HEED and eQuest simulation programs. The guide reveals the importance of the building envelope—walls, superstructure, insulation, windows, floors, roofs, and building materials—on the environmental impact of a building, and has a section on site systems examining site selection, landscape design, thermal impact, and building placement.

Design Professional's Guide to Zero Net Energy Buildings Jul 28 2022 In the *Design Professional's Guide to Zero Net Energy Buildings*, Charles Eley draws from over 40 years of his own experience, and interviews with other industry experts, to lay out the principles for achieving zero net energy (ZNE) buildings, which produce as much energy as they use over the course of a year. Eley emphasizes the importance of building energy use in achieving a sustainable future; describes how building energy use can be minimized through smart design and energy efficiency technologies; and presents practical information on how to incorporate renewable energy technologies to meet the lowered energy needs. The book shows the reader through examples and explanations that these solutions are viable and cost effective.

The Natural Advantage of Nations May 26 2022 This book is more than just a "palliative care" guide for the planet - it is about innovation, solutions, competitiveness and profitability. At work, at home and as members of society, our generation has an opportunity - to be part of the obligation - and an exciting solution in restoring the balance. The authors present a bold vision for the future and demonstrate how we can get there, drawing on lessons of competitive advantage theory and the latest in sustainability, economics, innovation, business and governance theory and practice. The result is nothing less than the most authoritative and comprehensive guide to date, to building the new ecologically sustainable economy. For further information about The Natural Edge Project and to view the book's online companion, visit www.naturaledgeproject.net.

Nuclear Power's Global Expansion Feb 08 2021

Building Web Applications with UML Nov 19 2021 Conallen introduces architects and designers and client/server systems to issues and techniques of developing software for the Web. He expects readers to be familiar with object-oriented principles and concepts, particularly with UML (unified modeling language), and at least one Web application architecture or environment. The second edition incorporates both technical developments and his experience since 1999. He does not provide a bibliography. Annotation copyrighted by Book News, Inc., Portland, OR

The World's Greenest Buildings Sep 25 2019 The World's Greenest Buildings tackles an audacious task. Among the thousands of green buildings out there, which are the best, and how do we know? Authors Jerry Yudelson and Ulf Meyer examined hundreds of the highest-rated large green buildings from around the world and asked their owners to supply one simple thing: actual performance data, to demonstrate their claims to sustainable operations. This pivotal book presents: an overview of the rating systems and shows "best in class" building performance in North America, Europe, the Middle East,

India, China, Australia and the Asia-Pacific region practical examples of best practices for greening both new and existing buildings a practical reference for how green buildings actually perform at the highest level, one that takes you step-by-step through many different design solutions a wealth of exemplary case studies of successful green building projects using actual performance data from which to learn interviews with architects, engineers, building owners and developers and industry experts, to provide added insight into the greening process This guide uncovers some of the pitfalls that lie ahead for sustainable design, and points the way toward much faster progress in the decade ahead.

Building Maintenance May 02 2020 Maintaining a building is expensive: it costs many times more to run a building than to build it, yet maintenance is often accorded a low priority. Building Maintenance covers the technical aspects of maintenance for undergraduate students on built environment courses, particularly building surveying and facilities management. It addresses the major questions regarding maintenance activities and shows that maintenance should be considered seriously at the design stage. Extensive case studies illustrate what can go wrong, how to put matters right and how to get it right first time.

Seismic Behavior of Steel Storage Pallet Racking Systems Oct 19 2021 This book presents the main outcomes of the first European research project on the seismic behavior of adjustable steel storage pallet racking systems. In particular, it describes a comprehensive and unique set of full-scale tests designed to assess such behavior. The tests performed include cyclic tests of full-scale rack components, namely beam-to-upright connections and column base connections; static and dynamic tests to assess the friction factor between pallets and rack beams; full-scale pushover and pseudodynamic tests of storage racks in down-aisle and cross-aisle directions; and full-scale dynamic tests on two-bay, three-level rack models. The implications of the findings of this extensive testing regime on the seismic behavior of racking systems are discussed in detail, highlighting e.g. the confirmation that under severe dynamic conditions "sliding" is the main factor influencing rack response. This work was conceived during the development of the SEISRACKS project. Its outcomes will contribute significantly to increasing our knowledge of the structural behavior of racks under earthquake conditions and should inform future rack design.