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TOGAF® Version 9.1 World Resources Inst
NP 2012-11-912-HQ. Provides an in-depth look at how NASA's initiatives in aeronautics and space exploration have resulted in beneficial commercial technologies in the fields of health and medicine, transportation, public safety, consumer goods, environmental protection, computer technology and industrial productivity

D&B Million Dollar Directory Springer Nature

After decades of research and development, concentrating solar thermal (CST) power plants (also known as concentrating solar power (CSP) and as Solar Thermal Electricity or STE systems) are now starting to be widely commercialized. Indeed, the IEA predicts that by 2050, with sufficient support over ten percent of global electricity could be produced by concentrating solar thermal power plants. However, CSP plants are just but one of the many possible applications of CST systems. Advances in Concentrating Solar Thermal Research and Technology provides detailed information on the latest advances in CST systems research and technology. It promotes a deep understanding of the challenges the different CST technologies are confronted with, of the research that is taking place worldwide to address those challenges, and of the impact that the innovation that this research is fostering could have on the emergence of new CST components and concepts. It is anticipated that these developments will substantially increase the cost-competiveness of commercial CST solutions and reshape the technological landscape of both CST technologies and the CST industry. After an introductory chapter, the next three parts of the book focus on key CST plant components, from mirrors and receivers to thermal storage. The final two parts of the book address operation and control and innovative CST system concepts. Contains authoritative reviews of CST research taking place around the world Discusses the impact this research is fostering on the emergence of new CST components and concepts that will substantially increase the cost-competitiveness of CST power Covers both major CST plant components and system-wide issues

Spinoff 2012 "O'Reilly Media, Inc."

The decay product of the medical isotope molybdenum-99 (Mo-99), technetium-99m (Tc-99m), and associated medical isotopes iodine-131 (I-131) and xenon-133 (Xe-133) are used worldwide for medical diagnostic imaging or therapy. The United States consumes about half of the world's supply of Mo-99, but there has been no domestic (i.e., U.S.-based) production of this isotope since the late 1980s. The United States imports Mo-99 for domestic use from Australia, Canada, Europe, and South Africa. Mo-99 and Tc-99m cannot be stockpiled for use because of their short half-lives. Consequently, they must be routinely produced and delivered to medical imaging centers. Almost all Mo-99 for medical use is produced by irradiating highly enriched uranium (HEU) targets in research reactors, several of which are over 50 years old and are approaching the end of their operating lives. Unanticipated and extended shutdowns of some of these old reactors have resulted in severe Mo-99 supply shortages in the United States and other countries. Some of these shortages have disrupted the delivery of medical care. Molybdenum-99 for Medical Imaging examines the production and utilization of Mo-99 and associated medical isotopes, and provides recommendations for medical use.

Venture Deals Quintessence Publishing (IL)

Urban Drainage has been thoroughly revised and updated to reflect changes in the practice and priorities of urban drainage. New and expanded coverage includes: Sewer flooding The impact of climate change Flooding models The move towards sustainability Providing a descriptive overview of the issues involved as well as the engineering principles and analysis, it draws on real-world examples as well as models to support and demonstrate the key issues facing engineers dealing with drainage issues. It also deals with both the design of new drainage systems and the analysis and upgrading of existing infrastructure. This is a unique and essential textbook for students of water, environmental, and public health engineering as well as a valuable resource for practising engineers.

[Change Your Smile](#) McGraw Hill Professional

For trainers free additional material of this book is available. This can be found under the "Training Material" tab. Log in with your trainer account to access the material. TOGAF is a framework - a detailed method and a set of supporting tools - for developing an enterprise architecture, developed by members of The Open Group Architecture Forum. TOGAF Version 9.1 is a maintenance update to TOGAF 9, addressing comments raised since the introduction of TOGAF 9 in 2009. It retains the major features and structure of TOGAF 9, thereby preserving existing investment in TOGAF, and adds further detail and clarification to what is already proven. It may be used freely by any organization wishing to develop an enterprise architecture for use within that organization (subject to the Conditions of Use). This Book is divided into seven parts: Part I - Introduction This part provides a high-level introduction to the key concepts of enterprise architecture and in particular the TOGAF approach. It contains the definitions of terms used throughout TOGAF and release notes detailing the changes between this version and the previous version of TOGAF. Part II - Architecture Development Method This is the core of TOGAF. It describes the TOGAF Architecture Development Method (ADM) a step-by-step approach to developing an enterprise architecture. Part III - ADM Guidelines & Techniques This part contains a collection of guidelines and techniques available for use in applying TOGAF

and the TOGAF ADM. Part IV - Architecture Content Framework This part describes the TOGAF content framework, including a structured metamodel for architectural artifacts, the use of re-usable architecture building blocks, and an overview of typical architecture deliverables. Part V - Enterprise Continuum & Tools This part discusses appropriate taxonomies and tools to categorize and store the outputs of architecture activity within an enterprise. Part VI - TOGAF Reference Models This part provides a selection of architectural reference models, which includes the TOGAF Foundation Architecture, and the Integrated Information Infrastructure Reference Model (III-RM). Part VII Architecture Capability Framework This section looks at roles, Governance, compliance skills and much more practical guidance

Computational Science and Its Applications -- ICCSA 2013 Springer

Color & Light is an essential practical guide to how color works in light. Written from the perspective of a theatrical lighting designer, it discusses how to see color, how to construct effective lighting palettes, and how to make use of both color filters and color-mixing LED fixtures to create compositions that work well with scenery and costumes to tell compelling stories. We are presently at the leading edge of a revolution in theatrical lighting, redefining how it can be used to create and communicate. Today's LED-based additive color-mixing fixtures require new methodologies and new ways of thinking, and Color & Light directly addresses this technology's potentials and challenges. But underpinning lighting's many recent technological changes is the fundamental language of color that artists have worked with since the birth of humanity's artistic urges.

Bethlehem, PA Polk City Directory IWA Publishing

Official Gazette of the United States Patent and Trademark Office Who Owns Whom Million Dollar Directory Federal Contracts Report ISA Directory of Automation D&B Million Dollar Directory #NoEstimates

[Million Dollar Directory](#) CRC Press

Provides an in-depth look at how NASA's initiatives in aeronautics and space exploration have resulted in beneficial commercial technologies in the fields of health and medicine, transportation, public safety, consumer goods, environmental protection, computer technology and industrial productivity.

[Penetration Testing](#) Official Gazette of the United States Patent and Trademark Office Who Owns Whom Million Dollar Directory Federal Contracts Report ISA Directory of Automation D&B Million Dollar Directory #NoEstimates How to always be on time, and not risk missing important deadlines or go over budget This book is the result of many years of hard work, and plenty of lessons learned. I wrote it because I believe we can do better than the accepted "status quo" in the software industry. It took me years to learn what I needed to learn to come up with my version of the #NoEstimates approach. You can do it in weeks! The techniques and ideas described here will help you explore the #NoEstimates universe in a very practical and hands-on manner. You will walk through Carmen's story. Carmen is a senior, very experienced project manager who is now confronted with a very difficult project. One would say, an impossible project. Through the book, and with the help of Herman, Carmen discovers and slowly adopts #NoEstimates which helps her turn that project around. Just like I expect it will help with the project you are in right now. The book also includes many concrete approaches you can use to adopt #NoEstimates, or just adopt those practices on their own. Bethlehem, PA Polk City Directory Modern Plastics Worldwide Spinoff 2009

An engaging guide to excelling in today's venture capital arena Beginning in 2005, Brad Feld and Jason Mendelson, managing directors at Foundry Group, wrote a long series of blog posts describing all the parts of a typical venture capital Term Sheet: a document which outlines key financial and other terms of a proposed investment. Since this time, they've seen the series used as the basis for a number of college courses, and have been thanked by thousands of people who have used the information to gain a better understanding of the venture capital field. Drawn from the past work Feld and Mendelson have written about in their blog and augmented with newer material, Venture Capital Financings puts this discipline in perspective and lays out the strategies that allow entrepreneurs to excel in their start-up companies. Page by page, this book discusses all facets of the venture capital fundraising process. Along the way, Feld and Mendelson touch on everything from how valuations are set to what externalities venture capitalists face that factor into entrepreneurs' businesses. Includes a breakdown analysis of the mechanics of a Term Sheet and the tactics needed to negotiate Details the different stages of the venture capital process, from starting a venture and seeing it through to the later stages Explores the entire venture capital ecosystem including those who invest in venture capitalist Contain standard documents that are used in these transactions Written by two highly regarded experts in the world of venture capital The venture capital arena is a complex and competitive place, but with this book as your guide, you'll discover what it takes to make your way through it.

Nuclear News Government Printing Office

Solar Cooling Technologies presents a detailed study of the potential technologies for coupling solar energy and cooling systems. Unifies all the various power based solar techniques into one book, investigates tri-generation schemes for maximization of cooling efficiency, especially for small scale applications and offers direct comparison of all possible technologies of solar cooling Includes detailed numerical investigations for potential cooling applications

Urban Drainage National Academies Press

Talking to people about your designs might seem like a basic skill, but it can be difficult to do efficiently and well. And, in many cases, how you communicate about your work with stakeholders, clients, and other non-designers is more critical than the designs themselves—simply because the most articulate person usually wins. This practical guide focuses on principles, tactics, and actionable methods for presenting your designs. Whether you design UX, websites, or products, you'll learn how to win over anyone who has influence over the project—with the goal of creating the best experience for the end user. Walk through the process of preparing for and presenting your designs Understand stakeholder perspectives, and learn how to empathize with them Cultivate both implicit and explicit listening skills Learn tactics and formulas for expressing the most effective response to feedback Discover why the way you follow through is just as crucial as the meeting itself Educate your stakeholders by sharing the chapter from this book on how to work with designers

Molybdenum-99 for Medical Imaging CRC Press

The overwhelming majority of a software system ' s lifespan is spent in use, not in design or implementation. So, why does conventional wisdom insist that software engineers focus primarily on the design and development of large-scale computing systems? In this collection of essays and articles, key members of Google ' s Site Reliability Team explain how and why their commitment to the entire lifecycle has enabled the company to successfully build, deploy, monitor, and maintain some of the largest software systems in the world. You ' ll learn the principles and practices that enable Google engineers to make systems more scalable, reliable, and efficient—lessons directly applicable to your organization. This book is divided into four sections: Introduction—Learn what site reliability engineering is and why it differs from conventional IT industry practices Principles—Examine the patterns, behaviors, and areas of concern that influence the work of a site reliability engineer (SRE) Practices—Understand the theory and practice of an SRE ' s day-to-day work: building and operating large distributed computing systems Management—Explore Google's best practices for training, communication, and meetings that your organization can use

Consultants & Consulting Organizations Directory No Starch Press

The five-volume set LNCS 7971-7975 constitutes the refereed proceedings of the 13th International Conference on Computational Science and Its Applications, ICCSA 2013, held in Ho Chi Minh City, Vietnam in June 2013. The 248 revised papers presented in five tracks and 33 special sessions and workshops were carefully reviewed and selected. The 46 papers included in the five general tracks are organized in the following topical sections: computational methods, algorithms and scientific applications; high-performance computing and networks; geometric modeling, graphics and visualization; advanced and emerging applications; and information systems and technologies. The 202 papers presented in special sessions and workshops cover a wide range of topics in computational sciences ranging from computational science technologies to specific areas of computational sciences such as computer graphics and virtual reality.

Color & Light Gale Cengage

Wide Bandgap Power Semiconductor Packaging: Materials, Components, and Reliability addresses the key challenges that WBG power semiconductors face during integration, including heat resistance, heat dissipation and thermal stress, noise reduction at high frequency and discrete components, and challenges in interfacing, metallization, plating, bonding and wiring. Experts on the topic present the latest research on materials, components and methods of reliability and evaluation for WBG power semiconductors and suggest solutions to pave the way for integration. As wide bandgap (WBG) power semiconductors, SiC and GaN, are the latest promising electric conversion devices because of their excellent features, such as high breakdown voltage, high frequency capability, and high heat-resistance beyond 200 C, this book is a timely resource on the topic. Examines the key challenges of wide bandgap power semiconductor packaging at various levels, including materials, components and device performance Provides the latest research on potential solutions, with an eye towards the end goal of system integration Discusses key problems, such as thermal management, noise reduction, challenges in interconnects and substrates

Spinoff 2009 CRC Press

This book presents the proceedings of the XXII International Conference on Industrial Engineering and Operations Management, International IIE Conference 2016, and International AIM Conference 2016. This joint conference is a result of an agreement between ADINGOR (Asociaci ó n para el Desarrollo de la Ingenier í a de Organizaci ó n), ABEPRO (Associa ç ã o Brasileira de Engenharia de Produ ç ã o), AIM (European Academy for Industrial Management) and the IIE (Institute of Industrial Engineers), and took place at TECNUN-School of Engineering (San Sebasti á n, Spain) from July 13th to 15th, 2016. The book includes the latest research advances and cutting-edge analyses of real case studies in Industrial Engineering and Operations Management from diverse international contexts, while also identifying concrete business applications for the latest findings and innovations in operations management and the decisions sciences. Advances in Concentrating Solar Thermal Research and Technology Springer

This book is a guide for managers, Scrum Masters and agile coaches who are interested in agile organizational methods and who are planning to introduce Scrum at their own company. Scrum is not only a product development framework but can also be used to structure activities for agile and lean organizational development. Divided into five major parts, the book first introduces and defines the Scrum Culture. It explains its relevance, highlights a number of pain points typical for first encounters with Scrum, and embeds it in an introduction to organizational change. This is complemented with many real-life examples that help to apply the concepts to readers ' own specific contexts. The second part describes the principles of introducing Scrum in detail, while the third part embarks on the practical application of these principles, drawing on a wealth of experience gathered in many successful introduction projects. Part four focuses on a detailed case study of a Scrum transformation before part five provides, in closing, a number of appendices offering extensive information on Scrum and its principles.

The ... Yearbook & Directory, Powder & Bulk Solids, Handling & Processing Drama Publishers/Quite Specific Media

Vols. for 1970-71 includes manufacturers' catalogs.

Urban and Highway Stormwater Pollution Van Haren

Water quality standards across the world are being re-written to promote healthier ecosystems, ensure safe potable water sources, increased biodiversity, and enhanced ecological functions. Treatment wetlands are used for treating a variety of pollutant waters, including municipal wastewater, agricultural and urban runoff, industrial effluents, and combined sewer overflows, among others. Treatment wetlands are particularly well-suited for sustainable water management because they can cope with variable influent loads, can be constructed of local materials, have low operations and maintenance requirements compared to other treatment technologies, and they can provide additional ecosystem services. The technology has been successfully implemented in both developed and developing countries. The first IWA Scientific and Technical Report (STR) on Wetland Technology was published in 2000. With the exponential development of the technology since then, the generation of a new STR was facilitated by the IWA Task Group on Mainstreaming Wetland Technology. This STR was conceptualized and written by leading experts in the field. The new report presents the latest technology applications within an innovative planning framework of multi-purpose wetland design. It also includes practical design information collected from over twenty years of experience from practitioners and academics, covering experiments at laboratory and pilot-scale up to full-scale applications. Scientific and Technical Report No.27

CRC Press

In this second edition of a work on improving the appearance of patients' teeth, there are new sections on bleaching, porcelain laminates, porcelain inlays/onlays, resin-bonded bridges and more.

Site Reliability Engineering Woodhead Publishing

Designed to be a stand alone desktop reference for the Stormwater manager, designer, and planner, the bestselling Municipal Stormwater Management has been expanded and updated. Here is what's new in the second edition: New material on complying with the NPDES program for Phase II and in running a stormwater quality program The latest information on