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[Egress Design Solutions](#) Sep 16 2021 The architect's primary source for information on designing for egress, evacuation, and life safety, *Egress Design Solutions*, Emergency Evacuation and Crowd Management Planning, is written by proven experts on egress issues. Meacham and Tubbs are engineers with Arup, an international firm with a stellar reputation for quality design and engineering. Their book examines egress solutions in terms of both prescriptive and performance-based code issues. A portion of the book focuses on techniques for providing egress design solutions and for coordinating egress systems with other critical life safety systems. Another part reviews historic and recent tragic life-loss fire events. As such, this is easily the most comprehensive take on the subject, written especially for architects.

[Graphic Design Solutions](#) Feb 21 2022 *Graphic Design Solutions* is the most comprehensive, how-to reference on graphic design and typography. Covering print and interactive media, this book examines conceiving, visualizing and composing solutions to design problems, such as branding, logos, web design, posters, book covers, advertising, and more. Excellent illustrations of historical, modern and contemporary design are integrated throughout. The Fifth Edition includes expanded and updated coverage of screen media, including mobile, tablet, desktop web, and motion as well as new interviews, showcases, and case studies; new diagrams and illustrations; a broader investigation of creativity and concept generation; visualization and color; and an updated timeline. Accompanying this edition, CourseMate with eBook brings concepts to life with projects, videos of designers in the field, and portfolio-building tools. Additional online-only chapters—Chapters 14 through 16—are available in PDF format on the

student and instructor resource sites for this title, accessed via CengageBrain.com; search for this book, then click on the “Free Materials” tab. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Filter Design Solutions for RF systems Jul 14 2021 This Special Issue focuses on the state-of-the-art results from the definition and design of filters for low- and high-frequency applications and systems. Different technologies and solutions are commonly adopted for filter definition, from electrical to electromechanical and mechanical solutions, from passive to active devices, and from hybrid to integrated designs. Aspects related to both theoretical and experimental research in filter design, CAD modeling and novel technologies and applications, as well as filter fabrication, characterization and testing, are covered. The proposed research articles deal with different topics as follows: Modeling, design and simulation of filters; Processes and fabrication technologies for filters; Automated characterization and test of filters; Voltage and current mode filters; Integrated and discrete filters; Passive and active filters; Variable filters, characterization and tunability.

IS-IS Network Design Solutions Jan 08 2021 The definitive IS-IS reference and design guide Extensive coverage of both underlying concepts and practical applications of the IS-IS protocol Detailed explanation of how the IS-IS database works and relevant insights into the operation of the shortest path first (SPF) algorithm Comprehensive tutorial on configuring and troubleshooting IS-IS on Cisco routers Advanced information on IP network design and performance optimization strategies using IS-IS Network design case studies provide a practical perspective of various design strategies Comprehensive overview of routing and packet-switching mechanisms on modern routers A collection of IS-IS packet formats and analyzer decodes useful for mastering the nuts and bolts of the IS-IS protocol and troubleshooting complex problems Interior gateway protocols such as Intermediate System-to-Intermediate System (IS-IS) are used in conjunction with the Border Gateway Protocol (BGP) to provide robust, resilient performance and intelligent routing capabilities required in large-scale and complex internetworking environments. Despite the popularity of the IS-IS protocol, however, networking professionals have depended on router configuration manuals, protocol specifications, IETF RFCs, and drafts. Mastering IS-IS, regardless of its simplicity, has been a daunting task for many. IS-IS Network Design Solutions provides the first comprehensive coverage available on the IS-IS protocol. Networking professionals of all levels now have a single source for all the information needed to become true experts on the IS-IS protocol, particularly for IP routing applications. You will learn about the origins of the IS-IS protocol and the fundamental underlying concepts and then move to complex protocol mechanisms involving building, maintaining, and dissemination of the information found in the IS-IS database on a router. Subsequent discussions on IP network design issues include configuration and troubleshooting techniques, as well as case studies with practical design scenarios.

Tidy Space - Zen and Shaker Design Solutions for Tidy Living Oct 17 2021 Two design styles perfectly embrace tidiness. One was developed in the United States in the 18th century by a devout sect of Quakers who had emigrated from England, the other was formed over thousands of years on the islands of Japan. Although they have no historical link, the Shaker aesthetic, and that of the Japanese Zen style, have much in common. For them both furniture is kept to minimum, objects are hidden away in carefully designed storage spaces, rooms are kept empty with the focus on a few design elements on the walls, natural materials are emphasised both in the construction of rooms and furniture. Here, for the first time, photographer and author Michael Freeman has brought together

numerous examples of rooms from both Shaker and Japanese homes to demonstrate how home owners can be inspired by these two remarkable design styles. Divided into chapters on Lessening, Harmonizing, Containing and Storing, the book guides the reader on a journey of beautiful tidiness. Specially designed cut edges to the book and a removable bellyband give the finishing touches to this little gem of a book. A perfect publication to inspire designers and home owners to bring calm to their interior spaces.

What Works Aug 23 2019 Gender equality is a moral and a business imperative. But unconscious bias holds us back and de-biasing minds has proven to be difficult and expensive. Behavioral design offers a new solution. Iris Bohnet shows that by de-biasing organizations instead of individuals, we can make smart changes that have big impacts—often at low cost and high speed.

Practical Highway Design Solutions May 24 2022 Chapter one. Introduction -- Chapter two. Results of initial survey of state departments of transportation -- Chapter three. Background information on project development and design methods -- Chapter four. Profiles of states with practical design policies -- Chapter five. Findings, conclusions, and suggested research.

Cases on Active Blended Learning in Higher Education Feb 09 2021 Active blended learning (ABL) is a pedagogical approach that combines sensemaking activities with focused interactions in appropriate learning settings. ABL has become a great learning tool as it is easily accessible online, with digitally rich environments, close peer and tutor interactions, and accommodations per individual learner needs. It encompasses a variety of concepts, methods, and techniques, such as collaborative learning, experiential learning, problem-based learning, team-based learning, and flipped classrooms. ABL is a tool used by educators to develop learner autonomy, engaging students in knowledge construction, reflection, and critique. In the current educational climate, there is a strong case for the implementation of ABL. *Cases on Active Blended Learning in Higher Education* explores strategies and methods to implement ABL in higher education. It will provide insights into teaching practice by describing the experiences and reflections of academics from around the world. The chapters analyze enablers, barriers to engagement, outcomes, implications, and recommendations to benefit from ABL in different contexts, as well as associated concepts and models. While highlighting topics such as personalized university courses, remote service learning, team-based learning, and universal design, this book is ideal for in-service and preservice teachers, administrators, instructional designers, teacher educators, practitioners, researchers, academicians, and students interested in pedagogical approaches aligned to ABL and how this works in higher education institutions.

[European Plastics & Rubber Directory](#). Sep 04 2020

Cisco Network Design Solutions for Small-medium Businesses May 12 2021 Master the design and deployment of small and medium-sized business networks.

Software Design Dec 27 2019 *Software Design: Creating Solutions for Ill-Structured Problems, Third Edition* provides a balanced view of the many and varied software design practices used by practitioners. The book provides a general overview of software design within the context of software development and as a means of addressing ill-structured problems. The third edition has been expanded and reorganised to focus on the structure and process aspects of software design, including architectural issues, as well as design notations and models. It also describes a variety of different ways of creating design solutions such as plan-driven development, agile approaches, patterns, product lines, and other forms. Features •Includes an overview and review of representation forms used for modelling design solutions •Provides a concise review of design practices and how these relate to ideas about software architecture •Uses an evidence-informed basis for

discussing design concepts and when their use is appropriate This book is suitable for undergraduate and graduate students taking courses on software engineering and software design, as well as for software engineers. Author David Budgen is a professor emeritus of software engineering at Durham University. His research interests include evidence-based software engineering (EBSE), software design, and healthcare informatics.

Game Theoretic Problems in Network Economics and Mechanism Design Solutions Dec 07 2020 This monograph focuses on exploring game theoretic modeling and mechanism design for problem solving in Internet and network economics. For the first time, the main theoretical issues and applications of mechanism design are bound together in a single text.

Technical Design Solutions for Theatre Jun 13 2021 The Technical Brief is a collection of single-focus articles on technical production solutions, published three times a year by the prestigious Yale School of Drama. The primary objective of the publication is to share creative solutions to technical problems so that fellow theatre technicians can avoid having to reinvent the wheel with each new challenge. The range of topics includes scenery, props, painting, electrics, sound, and costumes. The articles each describe an approach, device, or technique that has been tested on stage or in a shop by students and professionals. Some articles included: Growing Flowers on Stage; Break-Away Glass; Photo-Murals for the Stage; Quiet Wire-Rope Curtain Track; Free Standing Curved Stairs; A Measured Approach to Kerfing; A Low-Voltage Remote Controller for Special Effects; Toggle-Clamp Locks; Comparing Four Plastics as Scenery Glides; Low Pressure Air Casters; A Simple Lift Jack; Using a Piano to Create a Reverberation Effect; Horn-Hat Mics for Sound Reinforcement

Design Solutions and Innovations in Temporary Structures Aug 15 2021 Temporary structures are a vital but often overlooked component in the success of any construction project. With the assistance of modern technology, design and operation procedures in this area have undergone significant enhancements in recent years. Design Solutions and Innovations in Temporary Structures is a comprehensive source of academic research on the latest methods, practices, and analyses for effective and safe temporary structures. Including perspectives on numerous relevant topics, such as safety considerations, quality management, and structural analysis, this book is ideally designed for engineers, professionals, academics, researchers, and practitioners actively involved in the construction industry.

Designing Zero Carbon Buildings Using Dynamic Simulation Methods Jun 20 2019 In addition to the application of fundamental principles that lead to a structured method for zero carbon design of buildings, this considerably expanded second edition includes new advanced topics on multi-objective optimisation; reverse modelling; reduction of the simulation performance gap; predictive control; nature-inspired emergent simulation leading to sketches that become 'alive'; and an alternative economics for achieving the sustainability paradigm. The book features student design work from a Master's programme run by the author, and their design speculation for a human settlement on Mars. Tasks for simple simulation experiments are available for the majority of topics, providing the material for classroom exercise and giving the reader an easy introduction into the field. Extended new case studies of zero carbon buildings are featured in the book, including schemes from Japan, China, Germany, Denmark and the UK, and provide the reader with an enhanced design toolbox to stimulate their own design thinking.

Simply Green Jun 25 2022 As the world becomes ever more crowded and the earth's resources shrink, conscientious consumers worry more and more about how to live gently

and responsibly without sacrificing aesthetic beauty of materials and design in their living spaces. Simply Green offers myriad solutions for every part of the house. Chapters on Eating, Living, Working, Bathing, Sleeping & Dressing, and Outdoors provide easy and exciting ways to live in and take care of the house that make conscientious consuming an irresistible option.

Guidelines for Design Solutions for Process Equipment Failures Nov 18 2021 While there is no "perfect" solution or absolute zero risk, engineering design can significantly reduce risk potential in the CPI. In Guidelines for Design Solutions to Process Equipment Failures, industry experts offer their broad experience in identifying numerous solutions to the more common process equipment failures including inherent safer/passive, active, and procedural solutions, in decreasing order of robustness and reliability. The book challenges the engineer to identify opportunities for inherent and passive safety features early, and use a risk-based approach to process safety systems specification. The book is organized into three basic sections: 1) a technique for making risk-based design decisions; 2) potential failure scenarios for 10 major processing equipment categories; and 3) two worked examples showing how the techniques can be applied. The equipment categories covered are: vessels, reactors, mass transfer equipment, fluid transfer equipment, solids-fluid separators, solids handling and processing equipment, and piping and piping components. Special Details: Hardcover book plus 3.5" diskette for use in any word processing program with design solutions for use in PHAs.

Garden Design Solutions Sep 28 2022 Award-winning garden designer Stephen Woodhams demonstrates how to make the most of any outside space, whether it is a typical urban garden, exposed roof terrace or shady courtyard. Drawing on his many years of experience designing gardens of all sizes in different climates around the world, Stephen shares his expertise and offers clever design solutions for all types of outdoor spaces in a range of styles. Illustrated with inspiring photographs, plans and three-dimensional visuals of some of his practice's most celebrated projects, Stephen gives advice on everything from conceiving a scheme and planning the layout to choosing surfaces, materials and furnishings that will make your garden an extension of your home that can be enjoyed all year. There are ideas for devising planting schemes that will provide colour, texture and scent through the seasons, and advice on how to make your garden environmentally friendly and create points of interest with arches, water features and other structures. There are also many techniques for using scale and proportion to create the illusion of greater volume. Case studies offer detailed insights into exemplary garden layouts, design choices and planting plans, illustrating clever solutions for incorporating all your requirements into your outside space.

Visual Design Solutions Apr 23 2022 Enhance learners' interest and understanding with visual design for instructional and information products No matter what medium you use to deliver content, if the visual design fails, the experience falls flat. Meaningful graphics and a compelling visual design supercharge instruction, training, and presentations, but this isn't easy to accomplish. Now you can conquer your design fears and knowledge gaps with Visual Design Solutions: a resource for learning professionals seeking to raise the bar on their graphics and visual design skills. This informal and friendly book guides you through the process and principles used by professional graphic designers. It also presents creative solutions and examples that you can start using right away. Anyone who envisions, designs, or creates instructional or informational graphics will benefit from the design strategies laid out in this comprehensive resource. Written by Connie Malamed, an art educator and instructional designer, this book will help you tap into your creativity, design with intention, and produce polished work. Whereas most graphic design books focus on logos, packaging, and brochures, Visual Design Solutions

focuses on eLearning, presentations, and performance support. Visual Design Solutions includes practical guidelines for making smart design choices, ways to create professional-looking products, and principles for successful graphics that facilitate learning. Ideal for instructional designers, trainers, presenters, and professors who want to advance from haphazard to intentional design, this book will help them realize their design potential. Gain the knowledge and confidence to design impressive, effective visuals for learning Increase learner comprehension and retention with visual strategies offered by an expert author Serves as a reference and a resource, with a wealth of examples for inspiration and ideas Addresses an intimidating topic in an informal, friendly style In four parts, the book provides a thorough overview of the design process and design concepts; explores space, image, and typography; and presents workable solutions for your most persistent and puzzling design problems. Get started and begin creating captivating graphics for your learners.

Blog Design Solutions Apr 11 2021 * No other blog book gives professional quality information on blog design and development like this one. Others are either "dummies" style books, or are aimed more at understanding the community/theory. * The Book supports 4 of the most popular blog engines, and shows you how to build your own. * It's written by a team of well respected community figures

Web Design and Marketing Solutions for Business Websites Sep 23 2019 This book teaches you all you need to know to create effective web sites for businesses of all sizes. It's packed with useful tips and practical examples. First you are taken through the planning stage, including overall site structure, grouping content, using content and language effectively, and planning for accessibility. Next, you are shown how to effectively design the different parts of your site as well as how to add specialized improvements, including feedback forms and search functionality. The examples focus largely on CSS and HTML, but the principles are applicable to any site and some useful Flash examples are also provided.

Using Practical Design and Context Sensitive Solutions in Developing Surface Transportation Projects Nov 25 2019

Green Up! Jul 26 2022 There are unique greening solutions and practices that help create a lifestyle shift, improving the health of living and working spaces for its occupants from a personal, business, environmental, and profitable perspective. Short-term and long-term considerations are important elements when moving forward towards healthy practices in lifestyles, choices, and site designs. This book addresses a myriad of greening practices that can be applied to structures in our urban, suburban, and rural cultures. From the loft to the neighborhood, the office spaces to the public spaces, and the schools to the communities, this book outlines how business owners and residents can integrate scale appropriate green solutions into their lifestyles. **Green Up!:** Sustainable Design Solutions for Healthier Work and Living Environments includes detailed illustrations and photographs to help you understand design opportunities for your space. Stevie Famulari provides unique insights and inspires business owners, residents, and planners to develop their own green understanding and design solutions. Illustrations and photographs of applied greening are included throughout the book to help inspire your own goals and design, and then transform them to reality. The author breaks down the misconceptions of the complexity of sustainability and green practices. Greening is a lifestyle change, and this step-by-step instruction guide lets you know how easy it is to transition to the green side!

Essential Graphic Design Solutions Jan 20 2022 ESSENTIAL GRAPHIC DESIGN SOLUTIONS features PART 1: FUNDAMENTALS OF GRAPHIC DESIGN, of the bestseller, GRAPHIC DESIGN SOLUTIONS, to provide a focused study of design basics.

Covering print and screen media, this book examines conceiving, visualizing and composing solutions to design problems with a comprehensive examination of typography; a broader investigation of creativity and concept generation; visualization and color; an updated timeline; an online chapter about building a Portfolio and the job search; and more. Providing excellent illustrations of historical, modern and contemporary design, this book is a great resource. Now available to accompany this edition, CourseMate with eBook brings concepts to life with projects, videos of designers in the field, and portfolio-building tools. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

HomeWork Mar 10 2021 Innovative design solutions for incorporating workspaces into the home Growing numbers of us work not only from home, but from anywhere; job flexibility has become key for employers and workers alike. This, in turn, has created new challenges for architects and designers—many of whom are themselves working from home—who are creating innovative solutions that allow clients to transform their spaces for a wide range of needs, from multifunctional studios to homes that seamlessly combine work and family life. Divided into five thematic sections, Home Work explores the exciting variety of ways that the workplace can be integrated into the domestic environment without overwhelming it. From stand-alone multifunctional furniture to mobile room dividers and dynamic solutions that fold out or pop up to create new work areas, each design addresses the unique needs of the space and client, and tackles the challenges of the rapidly evolving relationship between work and domestic life in the twenty-first century. This essential and timely resource both for telecommuters and designers redefining “workspace” offers fresh ideas for how to strike the perfect balance between living and working at home.

Emerging Design Solutions in Structural Health Monitoring Systems Jan 28 2020 "This book seeks to advance cutting-edge research in the field, with a special focus on cross-disciplinary work involving recent advances in IT, enabling structural-health experts to wield groundbreaking new models of artificial intelligence as a diagnostic tool capable of identifying future problems before they even appear"--

Applied OpenStack Design Patterns Oct 25 2019 Learn practical and applied OpenStack cloud design solutions to gain maximum control over your infrastructure. You will achieve a complete controlled and customizable platform. Applied OpenStack Design Patterns teaches you how to map your application flow once you set up components and architectural design patterns. Also covered is storage management and computing to map user requests and allocations. Best practices of High Availability and Native Cluster Management are included. Solutions are presented to network components of OpenStack and to reduce latency and enable faster communication gateways between components of OpenStack and native applications. What You Will Learn: Design a modern cloud infrastructure Solve complex infrastructure application problems Understand OpenStack cloud infrastructure components Adopt a business impact analysis to support existing/new cloud infrastructure Use specific components to integrate an existing tool-chain set to gain agility and a quick, continuous delivery model Who This Book Is For: Seasoned solution architects, DevOps, and system engineers and analysts

.NET Domain-Driven Design with C# Dec 19 2021 As the first technical book of its kind, this unique resource walks you through the process of building a real-world application using Domain-Driven Design implemented in C#. Based on a real application for an existing company, each chapter is broken down into specific modules so that you can identify the problem, decide what solution will provide the best results, and then execute that design to solve the problem. With each chapter, you'll build a complete

project from beginning to end.

Loft Design Mar 30 2020 Lofts are no longer the sole domains of urbanites. They are becoming increasingly popular, but they pose their own set of challenges. In this hands-on book, loft expert and host of HGTV's *Lofty Ideas* Katherine Stone shares her style, wisdom, and trade secrets so that you can create a beautiful, livable loft home or office. *Loft Design* reveals how to transform spaces large and small into open, inviting, and practical areas for living comfortably and working well. From homes to offices to corporations, presented here is a range of innovative loft designs that achieve that intricate balance between practicality and aesthetic beauty. Stone discusses some creative ideas that make these lofts spectacular with tips and techniques for everything from planning and ergonomic issues to decorating concerns. With *Loft Design* as your guide, you can turn your loft space into a one-of-a-kind space.

Design Solutions for Adaptive Hypermedia Listening Software Oct 29 2022 Adaptive hypermedia listening software enables materials writers to combine and deliver a wide range of digital elements on the same digital computer platform more efficiently. Such a combination and delivery provides a multidimensional, multi-sensory digital environment in which rich, efficient, instant, comprehensible, optimum, and meaningful input and feedback can be presented effectively and efficiently. Moreover, language learners' attention can be drawn to forms and meanings in input. Such aspects correspond with different theories and hypotheses of language learning and teaching. This presents users/learners with an environment that is easy to use, tension-free, and optimal during self-study. However, to be able to design and develop cost effective and professional adaptive hypermedia listening software, there are certain scientific educational findings and implications that need to be implemented at every single stage. To have access to such vital findings is not so easy, and research must address this area. *Design Solutions for Adaptive Hypermedia Listening Software* explores how to design and create technically and pedagogically sound and efficient interactive adaptive hypermedia listening software for language learners in any language. The chapters will cover learner strategy tools, the effectiveness of this technology, best practices in adaptive hypermedia listening software, and the benefits and challenges of this technology for language learning. It is ideal for companies, institutions, teachers, policymakers, academicians, researchers, advanced-level students, technology developers, and decision-making pertinent government officials interested in designing and developing multimedia listening environments for language learners.

Interactive Design for Screen Apr 30 2020 This book includes over a hundred projects by international designers which showcase functionality and accessibility of great mobile user interfaces.

Design Solutions for Improving Website Quality and Effectiveness Oct 05 2020 As the Internet has evolved to become an integral part of modern society, the need for better quality assurance practices in web engineering has heightened. Adherence to and improvement of current standards ensures that overall web usability and accessibility are at optimum efficiency. *Design Solutions for Improving Website Quality and Effectiveness* is an authoritative reference source for the latest breakthroughs, techniques, and research-based solutions for the overall improvement of the web designing process. Featuring relevant coverage on the analytics, metrics, usage, and security aspects of web environments, this publication is ideally designed for reference use by engineers, researchers, graduate students, and web designers interested in the enhancement of various types of websites.

Accessible XHTML and CSS Web Sites Nov 06 2020 Shows Web developers how to make the transition from HTML to XHTML, an XML-based reformulation of HTML that offers

greater design flexibility Demonstrates how to work with CSS (Cascading Style Sheets)-now supported by ninety percent of browsers and integral to newsite-building tools from Macromedia and others-and implement a consistent style throughout and entire site Explains how to make a site accessible to people with impaired vision, limited hand use, dyslexia, and other issues-now a legal requirement for many sites in the U.S. and the U.K.

Space Jul 02 2020 In ultra-crowded Japan, the constraints of space and form inspire rather than confound. That is readily apparent in this fascinating volume featuring impossibly tiny, narrow, odd-shaped habitats that have been transformed into peaceful, elegant oases through the innovative use of light, openness and visual harmony.

Technical Design Solutions for Theatre Mar 22 2022 The Technical Brief is a collection of single-focus articles on technical production solutions, published three times a year by the prestigious Yale School of Drama. The primary objective of the publication is to share creative solutions to technical problems so that fellow theatre technicians can avoid having to reinvent the wheel with each new challenge. The range of topics includes scenery, props, painting, electrics, sound and costumes. The articles each describe an approach, device, or technique that has been tested on stage or in a shop by students and professionals. Some articles included are: Building Authentic Elizabethan Ruffs; Simple and Inexpensive Stained Glass; A Quick-Load Floor Pulley Design; A Simple Approach to Stretching Drops; Flexi-Pitch Escape Stairs; Spot-Welding Scrim with Sobo; Handrail Armatures for a Grand Staircase; The Triscuit-Studwall Deck System; A Frameless Turntable; Stand on Stage: Minimum Weight, Maximum Effect; A Self-Paging Cable Tray; Roller Chain Turntable Drives; A Bench-Built XLR Cable Tester

Geotechnics Fundamentals and Applications in Construction Jul 22 2019 Geotechnical Fundamentals and Applications in Construction. New Materials, Structures, Technologies and Calculations contains the papers presented at the International Conference on Geotechnical Fundamentals and Applications in Construction. New Materials, Structures, Technologies and Calculations (GFAC 2019, Saint Petersburg, Russia, 6-8 February 2019). The contributions present the latest research findings, developments, and applications in the areas of geotechnics, soil mechanics, foundations, geological engineering and share experiences in the design of complex geotechnical objects, and are grouped in 8 sections: • Analytical decisions and numerical modeling for foundations; • Design and construction in geologically hazardous conditions; • Methods for surveying the features of dispersed, rocky soils and structurally unstable soils; • Exploration, territory improvement and reconstruction in conditions of compact urban planning and enterprises, etc.; • Construction, reconstruction and exploitation of infrastructure facilities in different soil conditions; • R&D support and quality control of new materials, design and technology solutions in constructing bases, foundations, underground and surface constructions; • Condition survey and accident evolution analysis in construction; • Up-to-date monitoring techniques in building construction and exploitation.

Geotechnical Fundamentals and Applications in Construction. New Materials, Structures, Technologies and Calculations collects the state-of-the-art in geotechnology and construction, and will be of interest to academia and professionals in geotechnics, soil mechanics, foundation engineering and geological engineering.

Designing Solutions for Your Business Problems Aug 27 2022 Designing Solutions for Your Business Problems is an essential resource for managers and consultants who help organizations resolve ambiguous problems and develop new opportunities. Taking a hands-on, practical approach, Betty Vandenbosch—a leading management consultant and educator—outlines the details on how to conduct a proven process for designing solutions. Designing Solutions for Your Business Problems will teach you how to curtail

investigation and generate and justify ideas without sacrificing thoroughness, creativity, persuasiveness, and fit. You will be able to capitalize on more opportunities, and your problem-solving skills will become more efficient and your solutions more compelling. This book will help you design better solutions and design them faster. Betty Vandebosch offers a variety of useful techniques such as the "scooping diagram," which provides a framework for action, and the "logic diagram," which tests the validity of a potential solution. In addition, the book contains illustrative real-life examples of the Designing Solutions approach from a variety of organizations.

EIGRP Network Design Solutions Aug 03 2020 Annotation "EIGRP Network Design Solutions uses case studies and real-world configuration examples to help you gain an in-depth understanding of the issues involved in designing, deploying, and managing EIGRP-based networks. It details proper designs that can be used to build large and scalable EIGRP-based networks and documents possible ways each EIGRP feature can be used in network design, implementation, troubleshooting, and monitoring."--BOOK JACKET. Title Summary field provided by Blackwell North America, Inc. All Rights Reserved.

Style and Creativity in Design Feb 27 2020 This book looks at causative reasons behind creative acts and stylistic expressions. It explores how creativity is initiated by design cognition and explains relationships between style and creativity. The book establishes a new cognitive theory of style and creativity in design and provides designers with insights into their own cognitive processes and styles of thinking, supporting a better understanding of the qualities present in their own design. An explanation of the nature of design cognition begins this work, with a look at how design knowledge is formulated, developed, structured and utilized, and how this utilization triggers style and creativity. The author goes on to review historical studies of style, considering a series of psychological experiments relating to the operational definition, degree, measurement, and creation of style. The work conceptually summarizes the recognition of individual style in products, as well as the creation of such styles as a process before reviewing studies on creativity from various disciplines, presenting case studies and reviewing works by master architects. Readers will discover how creativity is initiated by design cognition. A summary of the correlations between creativity and style, expressed as a conceptual formula describing the cognitive phenomenon of style and creativity concludes the work. The ideas presented here are applicable to all design fields, allowing designers to comprehend and improve their design processes to produce creative, stylistically unique products.

[Design for Sustainability](#) Jun 01 2020 With radical and innovative design solutions, everyone could be living in buildings and settlements that are more like gardens than cargo containers, and that purify air and water, generate energy, treat sewage and produce food - at lower cost. Birkeland introduces systems design thinking that cuts across academic and professional boundaries and the divide between social and physical sciences to move towards a transdisciplinary approach to environmental and social problem-solving. This sourcebook is useful for teaching, as each topic within the field of environmental management and social change has pairs of short readings providing diverse perspectives to compare, contrast and debate. Design for Sustainability presents examples of integrated systems design based on ecological principles and concepts and drawn from the foremost designers in the fields of industrial design, materials, housing design, urban planning and transport, landscape and permaculture, and energy and resource management.

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