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Equip yourself with SOFTWARE PROJECT SURVIVAL GUIDE. It's for everyone with a stake in the outcome of a development project--and especially for those without formal software project management training. That includes top managers, executives, clients, investors, end-user representatives, project managers, and technical leads. Here you'll find guidance from the acclaimed author of the classics CODE COMPLETE and RAPID DEVELOPMENT. Steve McConnell draws on solid research and a career's worth of hard-won experience to map the surest path to your goal--what he calls "one specific approach to software development that works pretty well most of the time for most projects." Nineteen chapters in four sections cover the concepts and strategies you need for mastering the development process, including planning, design, management, quality assurance, testing, and archiving. For newcomers and seasoned project managers alike, SOFTWARE PROJECT SURVIVAL GUIDE draws on a vast store of techniques to create an elegantly simplified and reliable framework for project management success. So don't worry about wandering among complex sets of project management techniques that require years to sort out and master. SOFTWARE PROJECT SURVIVAL GUIDE goes straight to the heart of the matter to help your projects succeed. And that makes it a required addition to every professional's bookshelf. Greenfield sites around towns and cities, and redevelopment infill sites in existing urban areas often become battlegrounds between the conflicting interests of developers and communities. In America, design charrettes (intensive design and planning workshops) have become widely used as a means of bringing together these divergent groups, using detailed design exercises to establish agreement around a development masterplan. Despite the increasing frequency of their use, charrettes are widely misunderstood and can be misapplied. This book provides a detailed guidance on the proper and most effective ways to use this helpful tool. The book combines charrette masterplanning with the creation of "design-based" codes (also known as "form-based" codes) to control the development's implementation in line with the design and planning principles established during the charrette process. With the

UK government's 2016 BIM threshold approaching, support for small organisations on interpreting, filtering and applying BIM protocols and standards is urgently required. Many small UK construction industry supply chain firms are uncertain about what Level 2 BIM involves and are unsure about taking first steps towards having BIM capability. As digitisation, increasingly impacts on work practices, Getting to Grips with BIM offers an insight into an industry in change supplemented by practical guidance on managing the transition towards more widespread and integrated use of digital tools to manage the design, construction and whole life use of buildings. A replacement to the publication entitled 'Highway design and operational practices related to highway safety', also known as 'The Yellow Book', and most recently published in 1974. This document serves as the third revision of the USAF Parachute Handbook which was first published in 1951. The data and information represent the current state of the art relative to recovery system design and development. The initial chapters describe representative recovery applications, components, subsystems, material, manufacture and testing. The final chapters provide empirical data and analytical methods useful for predicting performance and presenting a definitive design of selected components into a reliable recovery system. This book examines the design policies in current development plans. With design quality of growing importance to the public, consumers, developers and their clients, and high on the Secretary of State's agenda, this book makes an important practical contribution to improving design control. With the increasing importance attached to district-wide development plan policies since 1991, local planning authorities and community groups have an important opportunity to improve their control over the built environment. This research text explains how clear, comprehensive and effective policies can be researched, written and implemented. Bringing together the results of more than 300 new design studies, an understanding of people, knowledge of hardware and software capabilities, and the author's practical experience gained from 45 years of work with display-based systems, this book addresses interface and screen design from the user's perspective. You will learn how to create an effective design methodology, design and organize screens and Web pages that encourage efficient comprehension and execution, and create screen icons and graphics that make displays easier and more comfortable to use. This guide replaces the 1984 publication entitled An Informational Guide for Roadway Lighting. It has been revised and brought up to date to reflect current practices in roadway lighting. The guide provides a general overview of lighting systems from the point of view of the transportation departments and recommends minimum levels of quality. The guide incorporates the illuminance and luminance design methods, but does not include the small target visibility (STV) method. "The Transit Street Design Guide sets a new vision for how cities can harness the immense potential of transit to create active and efficient streets in neighborhoods and downtowns alike. Building on the Urban Street Design Guide and Urban Bikeway Design Guide, the Transit Street Design Guide details how reliable public transportation depends on a commitment to transit at every level of design. Developed through a new peer network of NACTO members and transit agency partners, the Guide provides street transportation departments, transit operating agencies, leaders, and practitioners with the tools to actively prioritize transit on the street."--Site Web de NACTO. PC Hardware in a Nutshell is the practical guide to buying, building, upgrading, and repairing Intel-based PCs. A longtime favorite among PC users, the third edition of the book now contains useful information for people running either Windows or Linux operating systems. Written for novices and seasoned professionals alike, the book is packed with useful and unbiased information, including how-to advice for specific components, ample reference material, and a comprehensive case study on building a PC. In addition to coverage of the fundamentals and general tips about working on PCs, the book includes chapters focusing on motherboards, processors, memory, floppies, hard drives, optical drives, tape devices, video devices, input devices, audio components, communications, power supplies, and maintenance. Special emphasis is given to upgrading and troubleshooting existing equipment so you can get the most from your existing investments. This new edition is expanded to include: Detailed information about the latest motherboards and chipsets from AMD, Intel, SiS, and VIA Extensive coverage of the Pentium 4 and the latest AMD processors, including the Athlon

XP/MP Full details about new hard drive standards, including the latest SCSI standards, ATA/133, Serial ATA, and the new 48-bit "Big Drive" ATA interface  
Extended coverage of DVD drives, including DVD-RAM, DVD-R/RW, and DVD+R/RW  
Details about Flat Panel Displays, including how to choose one (and why you might not want to)  
New chapters on serial communications, parallel communications, and USB communications (including USB 2.0)  
Enhanced troubleshooting coverage  
PC Hardware in a Nutshell, 3rd Edition provides independent, useful and practical information in a no-nonsense manner with specific recommendations on components. Based on real-world testing over time, it will help you make intelligent, informed decisions about buying, building, upgrading, and repairing PCs in a cost effective manner that will help you maximize new or existing computer hardware systems. It's loaded with real-world advice presented in a concise style that clearly delivers just the information you want, without your having to hunt for it.

Make treasured art quilts from bits of cloth, stitched motifs, and painted details. This visual, step-by-step guide to art quilting shares techniques, checklists, and work-along projects using 8 design guides. Significantly updated in reference to the latest construction standards and evolving building types  
Many chapters revised including housing, transport, offices, libraries and hotels  
New chapter on flood-aware design  
Sustainable design integrated into chapters throughout  
Over 100,000 copies sold to successive generations of architects and designers - this book belongs in every design studio and architecture school library

The Metric Handbook is the major handbook of planning and design information for architects and architecture students. Covering basic design data for all the major building types, it is the ideal starting point for any project. For each building type, the book gives the basic design requirements and all the principal dimensional data, and succinct guidance on how to use the information and what regulations the designer needs to be aware of. As well as building types, the Metric Handbook deals with broader aspects of design such as materials, acoustics and lighting, and general design data on human dimensions and space requirements. The Metric Handbook provides an invaluable resource for solving everyday design and planning problems.

Modern highway engineering reflects an integrated view of a road system's entire lifecycle, including any potential environmental impacts, and seeks to develop a sustainable infrastructure through careful planning and active management. This trend is not limited to developed nations, but is recognized across the globe.

Edited by renowned authority A Guide to Online Course Design offers faculty and professional staff a practical and easy-to-follow model for creating exceptional online courses that focuses on quality standards in instructional design, transparency in learning outcomes, and learner persistence. A comprehensive resource, the book includes effective, research-based instructional strategies to motivate online learners and help them become more self-directed. A Guide to Online Course Design emphasizes quality standards and removing barriers to learners' persistence, which ensures online courses meet the needs of online learners as well as distance education initiatives.

"All faculty members and course designers, regardless of experience level, content background, or technology skills, can benefit from applying the approaches defined in this book. The authors have imparted a wealth of knowledge that can improve the quality of any online class and I highly recommend this book for all those involved with online learning." - Anton G. Camarota, faculty, University of Denver

"Anyone involved in developing online courses should read this book! Packed with great insights and the research to back them up, Stavredes and Herder guide readers with practical information that will support online course development." - Brenda Boyd, director of professional development and consulting, Quality Matters Program

"The blend of theory and application makes A Guide to Online Course Design an indispensable resource for any professional seeking to create high quality, outcomes-based learning experiences. I loved the action steps that close each chapter, as they lead the reader through the entire process of course design from analysis to implementation." - Kathe Kacheroski, dean of curriculum and instruction, Rasmussen College

This book presents papers from the International Gear Conference 2014, held in Lyon, 26th-28th August 2014. Mechanical transmission components such as gears, rolling element bearings, CVTs, belts and chains are present in every industrial sector and over recent years, increasing competitive pressure and environmental concerns have provided an impetus for cleaner, more efficient and

quieter units. Moreover, the emergence of relatively new applications such as wind turbines, hybrid transmissions and jet engines has led to even more severe constraints. The main objective of this conference is to provide a forum for the most recent advances, addressing the challenges in modern mechanical transmissions. The conference proceedings address all aspects of gear and power transmission technology and range of applications (aerospace, automotive, wind turbine, and others) including topical issues such as power losses and efficiency, gear vibrations and noise, lubrication, contact failures, tribo-dynamics and nano transmissions. A truly international contribution with more than 120 papers from all over the world A judicious balance between fundamental research and industrial concerns Participation of the most respected international experts in the field of gearing A wide range of applications in terms of size, power, speed, and industrial sector This detailed guide is designed to enable the reader to understand the relative importance of the numerous parameters involved in seismic design and the relationships between them, as well as the motivations behind the choices adopted by the codes. Exceptional loads on buildings and structures may have different causes, including high-strain dynamic effects due to natural hazards, man-made attacks, and accidents, as well as extreme operational conditions (severe temperature variations, humidity, etc.). All of these aspects can be critical for specific structural typologies and/or materials that are particularly sensitive to external conditions. In this regard, dedicated and refined methods are required for their design, analysis, and maintenance under the expected lifetime. There are major challenges related to the structural typology and material properties with respect to the key features of the imposed design load. Further issues can be derived from the need for risk mitigation or retrofit of existing structures as well as from the optimal and safe design of innovative materials/systems. Finally, in some cases, no appropriate design recommendations are available and, thus, experimental investigations can have a key role within the overall process. In this Special Issue, original research studies, review papers, and experimental and/or numerical investigations are presented for the structural performance assessment of buildings and structures under various extreme conditions that are of interest for design. Ceramics were among the first materials used as substrates for mass-produced electronics, and they remain an important class of packaging and interconnect material today. Most available information about ceramic electronics is either outdated or focused on their materials science characteristics. The Ceramic Interconnect Technology Handbook goes beyond the traditional approach by first surveying the unique properties of ceramics and then discussing design, processing, fabrication, and integration, as well as packaging and interconnect technologies. Collecting contributions from an outstanding panel of experts, this book offers an up-to-date overview of modern ceramic electronics, from design and material selection to manufacturing and implementation. Beginning with an overview of the development, properties, advantages, and applications of ceramics, coverage spans electrical design, testing, simulation, thermomechanical design, screen printing, multilayer ceramics, photo-defined and photo-imaged films, copper interconnects for ceramic substrates, and integrated passive devices in ceramic substrates. It also offers a detailed review of the surface, thermal, mechanical, and electrical properties of various ceramics as well as the processing of high- and low-temperature cofired ceramic (HTCC and LTCC) substrates. Opening new vistas and avenues of advancement, the Ceramic Interconnect Technology Handbook is the only source for comprehensive discussion and analysis of nearly every facet of ceramic interconnect technology and applications. The Wheelchair Housing Design Guide explains how to design and detail a home that is fully manageable by wheelchair users and maximises their independence. This fully-updated, activity-based guide discusses design considerations, requirements and recommendations for various activities carried out within the home; provides design solutions and good practice examples of how to comply with the building accessibility regulations and Building Regulations Part M; reflects and promotes the values and principles of existing strategies for social inclusion, and promotes the long-term cost benefits of designing to wheelchair accessibility standards. Energy performance feedback is an essential tool in addressing the current climate crisis. However, this is not simply another theoretical text about energy performance in buildings. This book is for anyone who wants to better understand

how energy is used in buildings, and how to drive down operational energy use – whether you’re an architect, student, client, building services engineer, contractor, building operator or other stakeholder. Focusing on evidence from feedback on buildings in use, it explains what it takes to get them to perform as expected, as well as the reasons why they often fail. Energy, People, Buildings draws extensively on the findings of studies, UK government-funded building performance evaluations and on original research into seven case studies from across the UK and abroad that have achieved exemplary energy use through building performance feedback. Providing a clear roadmap to understanding aspects that impact building users’ comfort and satisfaction, it also outlines the factors behind energy use and how to track it across the life of a project to ensure that your building performs as intended. Case studies include: the Everyman Theatre, Liverpool; Rocky Mountain Institute Innovation Center, Colorado; and Carrowbreck Meadow, Norwich. Featured architects: AHMM, AHR, Architype, Hamson Barron Smith, Haworth Tompkins, Henning Larsen Architects and ZGF Architects. This book has been written to address many of the developments since the 1st Edition which have improved how companies survey and select new sites, evaluate acquisitions, or expand their existing facilities. This book updates the appendices containing both the recommended separation distances and the checklists to help the teams obtain the information they need when locating the facility within a community, when arranging the processes within the facility, and when arranging the equipment within the process units. This guide covers every step needed to produce beautiful digital wedding albums. Photographers learn what images to shoot for creative designs, how to work with couples to select album images, and all the Photoshop shortcuts and design strategies needed to quickly create professional-looking albums. Tutorials show readers how to recreate the award-winning album pages shown in the illustrations. This book directly addresses the major planning debate of our time - the delivery and quality of new housing development. As pressure for new housing development in England increases, a widespread desire to improve the design of the resulting residential environments becomes evermore apparent with increasing condemnation of the standard products of the volume housebuilders. In recent years central government has come to accept the need to deliver higher quality living environments, and the important role of the planning system in helping to raise design standards. Housing Design Quality focuses on this role and in particular on how the various policy instruments available to public authorities can be used in a positive manner to deliver higher quality residential developments. The Global Street Design Guide is a timely resource that sets a global baseline for designing streets and public spaces and redefines the role of streets in a rapidly urbanizing world. The guide will broaden how to measure the success of urban streets to include: access, safety, mobility for all users, environmental quality, economic benefit, public health, and overall quality of life. The first-ever worldwide standards for designing city streets and prioritizing safety, pedestrians, transit, and sustainable mobility are presented in the guide. Participating experts from global cities have helped to develop the principles that organize the guide. The Global Street Design Guide builds off the successful tools and tactics defined in NACTO's Urban Street Design Guide and Urban Bikeway Design Guide while addressing a variety of street typologies and design elements found in various contexts around the world. Deaf people are usually regarded by the hearing world as having a lack, as missing a sense. Yet a definition of deaf people based on hearing loss obscures a wealth of ways in which societies have benefited from the significant contributions of deaf people. In this bold intervention into ongoing debates about disability and what it means to be human, experts from a variety of disciplines—neuroscience, linguistics, bioethics, history, cultural studies, education, public policy, art, and architecture—advance the concept of Deaf Gain and challenge assumptions about what is normal. Through their in-depth articulation of Deaf Gain, the editors and authors of this pathbreaking volume approach deafness as a distinct way of being in the world, one which opens up perceptions, perspectives, and insights that are less common to the majority of hearing persons. For example, deaf individuals tend to have unique capabilities in spatial and facial recognition, peripheral processing, and the detection of images. And users of sign language, which neuroscientists have shown to be biologically equivalent to speech, contribute toward a robust range of creative expression and

understanding. By framing deafness in terms of its intellectual, creative, and cultural benefits, Deaf Gain recognizes physical and cognitive difference as a vital aspect of human diversity. Contributors: David Armstrong; Benjamin Bahan, Gallaudet U; Hansel Bauman, Gallaudet U; John D. Bonvillian, U of Virginia; Alison Bryan; Teresa Blankmeyer Burke, Gallaudet U; Cindee Calton; Debra Cole; Matthew Dye, U of Illinois at Urbana-Champaign; Steve Emery; Ofelia García, CUNY; Peter C. Hauser, Rochester Institute of Technology; Geo Kartheiser; Caroline Kobek Pezzarossi; Christopher Krentz, U of Virginia; Annelies Kusters; Irene W. Leigh, Gallaudet U; Elizabeth M. Lockwood, U of Arizona; Summer Loeffler; Mara Lúcia Massuti, Instituto Federal de Santa Catarina, Brazil; Donna A. Morere, Gallaudet U; Kati Morton; Ronice Müller de Quadros, U Federal de Santa Catarina, Brazil; Donna Jo Napoli, Swarthmore College; Jennifer Nelson, Gallaudet U; Laura-Ann Petitto, Gallaudet U; Suvi Pylvänen, Kymenlaakso U of Applied Sciences; Antti Raike, Aalto U; Päivi Rainò, U of Applied Sciences Humak; Katherine D. Rogers; Clara Sherley-Appel; Kristin Snoddon, U of Alberta; Karin Strobel, U Federal de Santa Catarina, Brazil; Hilary Sutherland; Rachel Sutton-Spence, U of Bristol, England; James Tabery, U of Utah; Jennifer Grinder Witteborg; Mark Zaurov.

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