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Microsoft SharePoint Foundation 2010 and SharePoint Server 2010 provide a collection of tools and services you can use to improve user and team productivity, make information sharing more effective, and facilitate business decision-making processes. In order to get the most out of SharePoint 2010, you need to understand how to best use the capabilities to support your information management, collaboration, and business process management needs. This book is designed to provide you with the information you need to effectively use these tools, whether you are using SharePoint as an intranet or business solution platform. You will learn how to use the resources, such as lists, libraries, and sites, and services, such as publishing, workflow, and policies, that make up these environments. Information and process owners will be given the knowledge they need to build and manage solutions, and information and process consumers will be given the knowledge they need to effectively use SharePoint resources. In this book, Seth Bates and Tony Smith walk you through the components and capabilities that make up a SharePoint 2010 environment. Their expertise shines as they provide step-by-step instructions for using and managing these elements, as well as recommendations for how to best leverage them. As a reader, you'll then embrace two common SharePoint uses: document management and project information management. We walk through creating samples of these solutions, understanding the challenges these solutions are designed to address, and the benefits they can provide. The authors have brought together this information based on their extensive experience working with these tools and with business users who

effectively leverage these technologies within their organizations these experiences were incorporated into the writing of this book to make it easy for you to gain the knowledge you need to make the most of the product provides a real world view and best practices around using sharepoint 2003 technologies to meet business needs seth bates was the technical reviewer for both of scot hillier s books lists the most common deployment scenarios of sharepoint technologies and the ways to best leverage sharepoint features for these scenarios there s nothing like teamwork for making progress on a project but sharing information and building on each other s successes can be challenging when your team is scattered across the miles microsoft s sharepoint helps teams and organizations close the distance with sharepoint groups construct web sites specifically for collaboration sites where individuals can capture and share ideas and work together on documents tasks contacts and events it s the next best thing to being in the room together unfortunately much of the documentation for sharepoint is written to help system administrators get it up and running which often leaves end users in the dark the sharepoint user s guide takes another approach this quick and easy guide shows you what you need to know to start using sharepoint effectively and how to get the most from it you ll learn how to create sites that your organization can use to work together or independently from an end user s point of view now even beginners can learn how to access sites that are already set up create new sites personalize sites use the document and picture libraries for adding and editing content add discussion boards and surveys to a site enhance security you ll learn how you can receive alerts to tell you when existing documents and information have been changed or when new information or documents have been added you can even share select information with partners or customers outside your organization no one that uses sharepoint collaboration services can afford to be without this handy book the sharepoint user s guide is designed to help you find answers quickly explaining key concepts and major points in straightforward language with sharepoint any team or organization can overcome geographic or time zone challenges and the sharepoint user s guide will show them how sharepoint 2007 user s guide learning microsoft s collaboration and productivity platform is the follow up edition to the successful sharepoint 2003 user s guide apress 2005 this book provides guidance about the new workflows interface and other technologies within sharepoint 2007 authors seth bates and tony smith describe sharepoint in a variety of environments they have the expertise and ability to proffer an eminently useful guide for anyone working with sharepoint technologies in any capacity microsoft sharepoint 2013 provides a collection of tools and services you can use to improve user and team productivity make information sharing more effective and facilitate business decision making processes in order to get the most out of sharepoint 2013 you need to understand how to best use the capabilities to support your information management collaboration and business process management needs the sharepoint 2013 user s

guide is designed to provide you with the information you need to effectively use these tools whether you are using sharepoint as an intranet or business solution platform you will learn how to use the resources such as lists libraries and sites and services such as search workflow and social that make up these environments in the fourth edition of this bestselling book author tony smith walks you through the components and capabilities that make up a sharepoint 2013 environment he provides step by step instructions for using and managing these elements as well as recommendations for how to best leverage them the author has brought together this information based on his extensive experience working with these tools and with business users who effectively leverage these technologies within their organizations these real world experiences were incorporated into the writing of this book to make it easy for you to gain the knowledge you need to make the most of the product pick up a copy of the sharepoint 2013 user s guide today sites collaboration document management paperless offices we want it all in business today but how do we achieve all of these goals more importantly if you work for one of the millions of small to medium sized businesses how do you find the time to build the expertise necessary to reach these goals even the most powerful tool will not allow you to succeed unless you can get the majority of your staff to use it efficiently and effectively you need a guide that demonstrates a platform that small to medium sized businesses can use to reach these goals office and sharepoint 2010 user s guide demystifies the path that every microsoft office user can follow to benefit from the synergism of tools they are already familiar with together with sharepoint 2010 users can achieve goals like web sites with a consistent single view improved collaboration within their organization and better document management and may even get one step closer to the paperless office we ve been promised for years this book has topics for office users of all skill levels from those just starting to use office tools to experienced power users it examines each major office tool and shows how it contributes to the support and use of sharepoint in today s increasingly electronic based office environment learn how to make the most of sharepoint 2016 and its wide range of capabilities to support your information management collaboration and business process management needs whether you are using sharepoint as an intranet or business solution platform you will learn how to use the resources such as lists libraries and sites and services such as search workflow and social that make up these environments in the fifth edition of this bestselling book author tony smith walks you through the components and capabilities that make up a sharepoint 2016 environment he provides step by step instructions for using and managing these elements as well as recommendations for how to get the best out of them what you will learn create and use common sharepoint resources like lists libraries sites pages and web parts understand when and how workflows and information management policies can be used to automate process learn how to take advantage of records retention management and disposition make the most of

sharepoint search services take advantage of social capabilities to create social solutions who this book is for whether you have not yet used sharepoint at all have used previous versions have just started using the basic features or have been using it for a long of time this book provides the skills you need to work efficiently with the capabilities sharepoint 2016 provides this book is a no nonsense guide for office users who have a sharepoint environment deployed written by the person responsible for large sharepoint deployment his role is helping desktop users integrate and use sp features seamlessly our author takes users through working with their familiar office applications and leveraging sharepoint on the backend this is different than using sharepoint it s about putting office to work and integrating it with sharepoint in such a way that even more benefits and synergies are realized it s about using office and sharepoint as a platform and there is no other book on the market combining the two products

field programmable gate arrays fpgas are currently recognized as the most suitable platform for the implementation of complex digital systems targeting an increasing number of industrial electronics applications they cover a huge variety of application areas such as aerospace food industry art industrial automation automotive biomedicine process control military logistics power electronics chemistry sensor networks robotics ultrasound security and artificial vision this book first presents the basic architectures of the devices to familiarize the reader with the fundamentals of fpgas before identifying and discussing new resources that extend the ability of the devices to solve problems in new application domains design methodologies are discussed and application examples are included for some of these domains e g mechatronics robotics and power systems this book is designed both for fpga users interested in developing new specific components generally for reducing execution times and ip core designers interested in extending their catalog of specific components the main focus is circuit synthesis and the discussion shows for example how a given algorithm executing some complex function can be translated to a synthesizable circuit description as well as which are the best choices the designer can make to reduce the circuit cost latency or power consumption this is not a book on algorithms it is a book that shows how to translate efficiently an algorithm to a circuit using techniques such as parallelism pipeline loop unrolling and others numerous examples of fpga implementation are described throughout this book and the circuits are modeled in vhdl complete and synthesizable source files are available for download one of the most thorough introductions available to the world s most popular microcontroller trust the best selling official cert guide series from cisco press to help you learn prepare and practice for the ccnp and ccie data center core dccor 350 601 exam well regarded for its level of detail study plans assessment features and challenging review questions and exercises ccnp and ccie data center core dccor 350 601 official cert guide second edition helps you master the concepts and techniques

that ensure your exam success and is the only self study resource approved by cisco data center networking experts somit maloo iskren nikolov and firas ahmed share preparation hints and test taking tips helping you identify areas of weakness and improve both your conceptual knowledge and hands on skills this complete study package includes a test preparation routine proven to help you pass the exam do i know this already quizzes which let you decide how much time you need to spend on each section exam topic lists that make referencing easy chapter ending exercises which help you drill on key concepts you must know thoroughly a final preparation chapter which guides you through tools and resources to help you craft your review and test taking strategies study plan suggestions and templates to help you organize and optimize your study time content update program this fully updated second edition includes the latest topics and additional information covering changes to the latest ccnp and ccie data center core dccor 350 601 exam visit ciscopress com newcerts for information on annual digital updates for this book that align to cisco exam blueprint version changes this official study guide helps you master all the topics on the ccnp and ccie data center core dccor 350 601 exam including network compute storage network automation security also available from cisco press is the ccnp and ccie data center core dccor 350 601 official cert guide premium edition ebook and practice test second edition this digital only certification preparation product combines an ebook with enhanced pearson test prep practice test this integrated learning package enables you to focus on individual topic areas or take complete timed exams includes direct links from each question to detailed tutorials to help you understand the concepts behind the questions provides unique sets of exam realistic practice questions tracks your performance and provides feedback on a module by module basis laying out a complete assessment of your knowledge to help you focus your study where it is needed most ██ this revised and updated third edition outlines a set of best practices for creating reusable designs for use in an system on a chip soc design methodology these practices are based on the authors experience in developing reusable designs as well as the experience of design teams in many companies around the world silicon technology now allows us to build chips consisting of tens of millions of transistors this technology not only promises new levels of system integration onto a single chip but also presents significant challenges to the chip designer as a result many asic developers and silicon vendors are re examining their design methodologies searching for ways to make effective use of the huge numbers of gates now available these designers see current design tools and methodologies as inadequate for developing million gate asics from scratch there is considerable pressure to keep design team size and design schedules constant even as design complexities grow tools are not providing the productivity gains required to keep pace with the increasing gate counts available from deep submicron technology design reuse the use of pre designed and pre verified cores is the most promising

opportunity to bridge the gap between available gate count and designer productivity reuse methodology manual for system on a chip designs second edition outlines an effective methodology for creating reusable designs for use in a system on a chip soc design methodology silicon and tool technologies move so quickly that no single methodology can provide a permanent solution to this highly dynamic problem instead this manual is an attempt to capture and incrementally improve on current best practices in the industry and to give a coherent integrated view of the design process reuse methodology manual for system on a chip designs second edition will be updated on a regular basis as a result of changing technology and improved insight into the problems of design reuse and its role in producing high quality soc designs modern computing systems work when all components are correct by design and can be combined to achieve scalability this publication offers refereed papers covering various aspects such as system design and implementation tools concurrent programming languages libraries and run time kernels and formal methods and applications the capability to design quality software and implement modern information systems is at the core of economic growth in the 21st century this book aims to review and analyze software engineering technologies focusing on the evolution of design and implementation platforms as well as on novel computer systems interested in developing embedded systems since they don t tolerate inefficiency these systems require a disciplined approach to programming this easy to read guide helps you cultivate good development practices based on classic software design patterns and new patterns unique to embedded programming you ll learn how to build system architecture for processors not for operating systems and you ll discover techniques for dealing with hardware difficulties changing designs and manufacturing requirements written by an expert who has created systems ranging from dna scanners to children s toys this book is ideal for intermediate and experienced programmers no matter what platform you use this expanded second edition includes new chapters on iot and networked sensors motors and movement debugging data handling strategies and more optimize your system to reduce cost and increase performance develop an architecture that makes your software robust in resource constrained environments explore sensors displays motors and other i o devices reduce ram and power consumption code space and processor cycles learn how to interpret schematics datasheets and power requirements discover how to implement complex mathematics and machine learning on small processors design effective embedded systems for iot and networked sensors food composition data are useful throughout the food system for nutrition sensitive agriculture improved processing methods that ensure greater nutrient retention in foods nutrition labelling and to inform educate and protect consumers through food based dietary guidelines nutrition education and communication and legislation the fao infoods food composition table for western africa wafct 2019 is an update of the west african food composition table of 2012 which

lacked some important components foods and recipes wafct 2019 contains almost three times as many food entries and double the number of components with increased overall data quality many of the data points from wafct 2012 have been replaced with better data mostly analytical data from africa with a special emphasis on western africa these improvements are essential to understanding the nutrient composition of foods in the region and to promoting their appropriate use wafct 2019 is the result of four years of collaboration among infoods network researchers in africa and the nutrition and food systems division of fao and was developed as part of the international dietary data expansion inddex project implemented by tufts university s gerald j and dorothy r friedman school of nutrition science and policy with funding from the bill melinda gates foundation these new data from wafct 2019 will support further research towards an expanded and improved evidence base and will support better more informed decisions and effective policies and programmes for improved nutrition in africa

ar vr 3d

addison wesley professional practical augmented reality a guide to the technologies applications and human factors for ar and vr

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this book is about how to design the most complex types of digital circuit boards used inside servers routers and other equipment from high level system architecture down to the low level signal integrity concepts it explains common structures and subsystems that can be expanded into new designs in different markets the book is targeted at all levels of hardware engineers there are shorter lower level introductions to every topic while the book also takes the reader all they way to the most complex and most advanced topics of digital circuit design layout design analysis and hardware architecture this volume

presents the proceedings of the 7th asian pacific conference on medical and biological engineering apcmbe 2008 themed biomedical engineering promoting sustainable development of modern medicine the proceedings address a broad spectrum of topics from bioengineering and biomedicine like biomaterials artificial organs tissue engineering nanobiotechnology and nanomedicine biomedical imaging bio mems biosignal processing digital medicine bme education it helps medical and biological engineering professionals to interact and exchange their ideas and experiences the next generation of computer system designers will be less concerned about details of processors and memories and more concerned about the elements of a system tailored to particular applications these designers will have a fundamental knowledge of processors and other elements in the system but the success of their design will depend on the skills in making system level tradeoffs that optimize the cost performance and other attributes to meet application requirements this book provides a new treatment of computer system design particularly for system on chip soc which addresses the issues mentioned above it begins with a global introduction from the high level view to the lowest common denominator the chip itself then moves on to the three main building blocks of an soc processor memory and interconnect next is an overview of what makes soc unique its customization ability and the applications that drive it the final chapter presents future challenges for system design and soc possibilities the book attempts to achieve a balance between theory and application for this reason the book does not over emphasize the mathematics of switching theory however it does present the theory which is necessary for understanding the fundamental concepts of logic design written in a student friendly style the book provides an in depth knowledge of logic design striking a balance between theory and practice it covers topics ranging from number systems binary codes logic gates and boolean algebra design of combinational logic circuits synchronous and asynchronous sequential circuits etc the main emphasis of this book is to highlight the theoretical concepts and systematic synthesis techniques that can be applied to the design of practical digital systems this comprehensive book is written for the graduate students of electronics and communication engineering electrical and electronics engineering instrumentation engineering telecommunication engineering computer science and engineering and information technology reconfigurable computing marks a revolutionary and hot topic that bridges the gap between the separate worlds of hardware and software design the key feature of reconfigurable computing is its groundbreaking ability to perform computations in hardware to increase performance while retaining the flexibility of a software solution reconfigurable computers serve as affordable fast and accurate tools for developing designs ranging from single chip architectures to multi chip and embedded systems scott hauck and andre dehon have assembled a group of the key experts in the fields of both hardware and software computing to provide an introduction to the entire range of issues relating to reconfigurable computing fpgas field

programmable gate arrays act as the computing vehicles to implement this powerful technology readers will be guided into adopting a completely new way of handling existing design concerns and be able to make use of the vast opportunities possible with reconfigurable logic in this rapidly evolving field designed for both hardware and software programmers views of reconfigurable programming beyond standard programming languages broad set of case studies demonstrating how to use fpgas in novel and efficient ways embedded internet and internet appliances are the focus of great attention in the computing industry as they are seen as the future of computing the design of such devices presents many technical challenges this book is the first guide available that describes how to design internet access and communications capabilities into embedded systems it takes an integrated hardware software approach using the java programming language and industry standard microcontrollers numerous illustrations and code examples enliven the text this book shows how to build various sensors and control devices that connect to the tini interfaces explains how to write programs that control them in java and then ties them all together in practical applications included is a discussion on how these technologies work where to get detailed specifications and ideas for the reader to pursue beyond the book the first guide to designing internet access and communications capabilities into embedded systems takes an integrated hardware software approach using the java programming language an industry standard nowadays using sram based fpgas in space missions is increasingly considered due to their flexibility and reprogrammability a challenge is the devices sensitivity to radiation effects that increased with modern architectures due to smaller cmos structures this work proposes fault tolerance methodologies that are based on a fine grain view to modern reconfigurable architectures the focus is on seu mitigation challenges in sram based fpgas which can result in crucial situations welcome to the proceedings of the 2005 ifip international conference on bedded and ubiquitous computing euc 2005 which was held in nagasaki japan december 6 9 2005 embedded and ubiquitous computing is emerging rapidly as an exciting new paradigm to provide computing and communication services all the time erywhere its systems are now pervading every aspect of life to the point that they are hidden inside various appliances or can be worn unobtrusively as part of clothing and jewelry this emergence is a natural outcome of research and technological advances in embedded systems pervasive computing and c munications wireless networks mobile computing distributed computing and agent technologies etc its tremendous impact on academics industry gove ment and daily life can be compared to that of electric motors over the past century in fact it but promises to revolutionize life much more profoundly than elevators electric motors or even personal computers the euc 2005 conference provided a forum for engineers and scientists in academia industry and government to address profound issues including te nical challenges safety and social legal political and economic issues and to present and discuss their ideas results

work in progress and experience on all aspects of embedded and ubiquitous computing a simple practical guide to solar energy designing and installing photovoltaic solar electric systems the solar electricity handbook is a practical and straightforward guide to using electric solar panels assuming no previous knowledge the book explains how solar panels work how they can be used and explains the steps you need to take to successfully design and install a solar photovoltaic system from scratch this books contains all basic knowledge for exmple 1 selection solar panel 2 calculation of requirement of battery inverter etc 3 various types solar connectors 4 solar power charge controllers 5 wire and cables and connections 6 junction box and connection 7 safety measures 8 government subsidy rules 9 list of sppliers and manufacturers in india for solar panel battery and other equipments 10 clculation of size of solar cables 11 price list of panels and other resourses 12 roof installation 13 ground installation 14 pole installation 15 different type of solar cell technology 16 solar accessories and equipments and much more fpgas field programmable gate arrays can be found in applications such as smart phones mp3 players medical imaging devices and for aerospace and defense technology fpgas consist of logic blocks and programmable interconnects this allows an engineer to start with a blank slate and program the fpga for a specific task for instance digital signal processing or a specific device for example a software defined radio due to the short time to market and ability to reprogram to fix bugs without having to respin fpgas are in increasingly high demand this book is for the engineer that has not yet had any experience with this electrifying and growing field the complex issue of fpga design is broken down into four distinct phases design synthesis simulation place route numerous step by step examples along with source code accompany the discussion a brief primer of one of the popular fpga and hardware languages vhdl is incorporated for a simple yet comprehensive learning tool while a general technology background is assumed no direct hardware development understanding is needed also included are details on tool set up verifaction techniques and test benches reference material consists of a quick reference guide reserved words and common vhdl fpga terms learn how to design and develop fpgas no prior experience necessary breaks down the complex design and development of fpgas into easy to learn building blocks contains examples helpful tips and step by step tutorials for synthesis implementation simulation and programming phases special topic volume with invited peer reviewed papers only this book constitutes the refereed proceedings of the 9th international conference on supercomputing isum 2018 held in mérida mexico in march 2018 the 19 revised full papers presented were carefully reviewed and selected from 64 submissions the papers are organized in topical sections on scheduling architecture and programming parallel computing applications and hpc this book describes the most frequently used high speed serial buses in embedded systems especially those used by fpgas these buses employ serdes jesd204 srio pcie aurora and sata protocols for chip to chip and board to board

communication and pcie vpx fc and infiniband protocols for inter chassis communication for each type the book provides the bus history and version info while also assessing its advantages and limitations furthermore it offers a detailed guide to implementing these buses in fpga design from the physical layer and link synchronization to the frame format and application command given its scope the book offers a valuable resource for researchers r d engineers and graduate students in computer science or electronics who wish to learn the protocol principles structures and applications of high speed serial buses

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microsoft sharepoint foundation 2010 and sharepoint server 2010 provide a collection of tools and services you can use to improve user and team productivity make information sharing more effective and facilitate business decision making processes in order to get the most out of sharepoint 2010 you need to understand how to best use the capabilities to support your information management collaboration and business process management needs this book is designed to provide you with the information you need to effectively use these tools whether you are using sharepoint as an intranet or business solution platform you will learn how to use the resources such as lists libraries and sites and services such as publishing workflow and policies that make up these environments information and process owners will be given the knowledge they need to build and manage solutions information and process consumers will be given the knowledge they need to effectively use sharepoint resources in this book seth bates and tony smith walk you through the components and capabilities that make up a sharepoint 2010 environment their expertise shines as they provide step by step instructions for using and managing these elements as well as recommendations for how to best leverage them as a reader you ll then embrace two common

sharepoint uses document management and project information management and walk through creating samples of these solutions understanding the challenges these solutions are designed to address and the benefits they can provide the authors have brought together this information based on their extensive experience working with these tools and with business users who effectively leverage these technologies within their organizations these experiences were incorporated into the writing of this book to make it easy for you to gain the knowledge you need to make the most of the product

SharePoint 2010 User's Guide 2010-07-30

provides a real world view and best practices around using sharepoint 2003 technologies to meet business needs seth bates was the technical reviewer for both of scot hillier s books lists the most common deployment scenarios of sharepoint technologies and the ways to best leverage sharepoint features for these scenarios

SharePoint 2003 User's Guide 2006-11-08

there s nothing like teamwork for making progress on a project but sharing information and building on each other s successes can be challenging when your team is scattered across the miles microsoft s sharepoint helps teams and organizations close the distance with sharepoint groups construct web sites specifically for collaboration sites where individuals can capture and share ideas and work together on documents tasks contacts and events it s the next best thing to being in the room together unfortunately much of the documentation for sharepoint is written to help system administrators get it up and running which often leaves end users in the dark the sharepoint user s guide takes another approach this quick and easy guide shows you what you need to know to start using sharepoint effectively and how to get the most from it you ll learn how to create sites that your organization can use to work together or independently from an end user s point of view now even beginners can learn how to access sites that are already set up create new sites personalize sites use the document and picture libraries for adding and editing content add discussion boards and surveys to a site enhance security you ll learn how you can receive alerts to tell you when existing documents and information have been changed or when new information or documents have been added you can even share select information with partners or customers outside your organization no one that uses sharepoint

collaboration services can afford to be without this handy book the sharepoint user s guide is designed to help you find answers quickly explaining key concepts and major points in straightforward language with sharepoint any team or organization can overcome geographic or time zone challenges and the sharepoint user s guide will show them how

SharePoint User's Guide *2005-03-08*

sharepoint 2007 user s guide learning microsoft s collaboration and productivity platform is the follow up edition to the successful sharepoint 2003 user s guide apress 2005 this book provides guidance about the new workflows interface and other technologies within sharepoint 2007 authors seth bates and tony smith describe sharepoint in a variety of environments they have the expertise and ability to proffer an eminently useful guide for anyone working with sharepoint technologies in any capacity

SharePoint 2007 User's Guide *2007-04-30*

microsoft sharepoint 2013 provides a collection of tools and services you can use to improve user and team productivity make information sharing more effective and facilitate business decision making processes in order to get the most out of sharepoint 2013 you need to understand how to best use the capabilities to support your information management collaboration and business process management needs the sharepoint 2013 user s guide is designed to provide you with the information you need to effectively use these tools whether you are using sharepoint as an intranet or business solution platform you will learn how to use the resources such as lists libraries and sites and services such as search workflow and social that make up these environments in the fourth edition of this bestselling book author tony smith walks you through the components and capabilities that make up a sharepoint 2013 environment he provides step by step instructions for using and managing these elements as well as recommendations for how to best leverage them the author has brought together this information based on his extensive experience working with these tools and with business users who effectively leverage these technologies within their organizations these real world experiences were incorporated into the writing of this book to make it easy for you to gain the knowledge you need to make the most of the product pick up a copy of the sharepoint 2013 user s guide today

SharePoint 2013 User's Guide *2013-07-27*

sites collaboration document management paperless offices we want it all in business today but how do we achieve all of these goals more importantly if you work for one of the millions of small to medium sized businesses how do you find the time to build the expertise necessary to reach these goals even the most powerful tool will not allow you to succeed unless you can get the majority of your staff to use it efficiently and effectively you need a guide that demonstrates a platform that small to medium sized businesses can use to reach these goals office and sharepoint 2010 user s guide demystifies the path that every microsoft office user can follow to benefit from the synergism of tools they are already familiar with together with sharepoint 2010 users can achieve goals like web sites with a consistent single view improved collaboration within their organization and better document management and may even get one step closer to the paperless office we ve been promised for years this book has topics for office users of all skill levels from those just starting to use office tools to experienced power users it examines each major office tool and shows how it contributes to the support and use of sharepoint in today s increasingly electronic based office environment

Office and SharePoint 2010 User's Guide *2010-08-06*

learn how to make the most of sharepoint 2016 and its wide range of capabilities to support your information management collaboration and business process management needs whether you are using sharepoint as an intranet or business solution platform you will learn how to use the resources such as lists libraries and sites and services such as search workflow and social that make up these environments in the fifth edition of this bestselling book author tony smith walks you through the components and capabilities that make up a sharepoint 2016 environment he provides step by step instructions for using and managing these elements as well as recommendations for how to get the best out of them what you will learn create and use common sharepoint resources like lists libraries sites pages and web parts understand when and how workflows and information management policies can be used to automate process learn how to take advantage of records retention management and disposition make the most of sharepoint search services take advantage of social capabilities to create social solutions who this book is for whether you

have not yet used sharepoint at all have used previous versions have just started using the basic features or have been using it for a long of time this book provides the skills you need to work efficiently with the capabilities sharepoint 2016 provides

SharePoint 2016 User's Guide *2016-11-22*

this book is a no nonsense guide for office users who have a sharepoint environment deployed written by the person responsible for large sharepoint deployment his role is helping desktop users integrate and use sp features seamlessly our author takes users through working with their familiar office applications and leveraging sharepoint on the backend this is different than using sharepoint it s about putting office to work and integrating it with sharepoint in such a way that even more benefits and synergies are realized it s about using office and sharepoint as a platform and there is no other book on the market combining the two products

Office and SharePoint 2007 User's Guide *2008-07-06*

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field programmable gate arrays fpgas are currently recognized as the most suitable platform for the implementation of complex digital systems targeting an increasing number of industrial electronics applications they cover a huge variety of application areas such as aerospace food industry art industrial automation automotive biomedicine process control military logistics power electronics chemistry sensor networks robotics ultrasound security and artificial vision this book first presents the basic architectures of the devices to familiarize the reader with the fundamentals of fpgas before identifying and discussing new resources that extend the ability of the devices to solve problems in new application domains design methodologies are discussed and application examples are included for some of these domains e g mechatronics

robotics and power systems

FPGAs 2017-07-28

this book is designed both for fpga users interested in developing new specific components generally for reducing execution times and ip core designers interested in extending their catalog of specific components the main focus is circuit synthesis and the discussion shows for example how a given algorithm executing some complex function can be translated to a synthesizable circuit description as well as which are the best choices the designer can make to reduce the circuit cost latency or power consumption this is not a book on algorithms it is a book that shows how to translate efficiently an algorithm to a circuit using techniques such as parallelism pipeline loop unrolling and others numerous examples of fpga implementation are described throughout this book and the circuits are modeled in vhdl complete and synthesizable source files are available for download

Guide to FPGA Implementation of Arithmetic Functions 2012-04-02

one of the most thorough introductions available to the world s most popular microcontroller

Programming the PIC Microcontroller with MBASIC 2005-06-14

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conceptual knowledge and hands on skills this complete study package includes a test preparation routine proven to help you pass the exam do i know this already quizzes which let you decide how much time you need to spend on each section exam topic lists that make referencing easy chapter ending exercises which help you drill on key concepts you must know thoroughly a final preparation chapter which guides you through tools and resources to help you craft your review and test taking strategies study plan suggestions and templates to help you organize and optimize your study time content update program this fully updated second edition includes the latest topics and additional information covering changes to the latest ccnp and ccie data center core dccor 350 601 exam visit ciscopress com newcerts for information on annual digital updates for this book that align to cisco exam blueprint version changes this official study guide helps you master all the topics on the ccnp and ccie data center core dccor 350 601 exam including network compute storage network automation security also available from cisco press is the ccnp and ccie data center core dccor 350 601 official cert guide premium edition ebook and practice test second edition this digital only certification preparation product combines an ebook with enhanced pearson test prep practice test this integrated learning package enables you to focus on individual topic areas or take complete timed exams includes direct links from each question to detailed tutorials to help you understand the concepts behind the questions provides unique sets of exam realistic practice questions tracks your performance and provides feedback on a module by module basis laying out a complete assessment of your knowledge to help you focus your study where it is needed most

CCNP and CCIE Data Center Core DCCOR 350-601 Official Cert Guide 2023-12-08

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this revised and updated third edition outlines a set of best practices for creating reusable designs for use in an system on a chip soc design methodology these practices are based on the authors experience in developing reusable designs as well as the experience of design teams in many companies around the world

Reuse Methodology Manual for System-on-a-Chip Designs *2007-05-08*

silicon technology now allows us to build chips consisting of tens of millions of transistors this technology not only promises new levels of system integration onto a single chip but also presents significant challenges to the chip designer as a result many asic developers and silicon vendors are re examining their design methodologies searching for ways to make effective use of the huge numbers of gates now available these designers see current design tools and methodologies as inadequate for developing million gate asics from scratch there is considerable pressure to keep design team size and design schedules constant even as design complexities grow tools are not providing the productivity gains required to keep pace with the increasing gate counts available from deep submicron technology design reuse the use of pre designed and pre verified cores is the most promising opportunity to bridge the gap between available gate count and designer productivity reuse methodology manual for system on a chip designs second edition outlines an effective methodology for creating reusable designs for use in a system on a chip soc design methodology silicon and tool technologies move so quickly that no single methodology can provide a permanent solution to this highly dynamic problem instead this manual is an attempt to capture and incrementally improve on current best practices in the industry and to give a coherent integrated view of the design process reuse methodology manual for system on a chip designs second edition will be updated on a regular basis as a result of changing technology and improved insight into the problems of design reuse and its role in producing high quality soc designs

3D  *2014-03-24*

modern computing systems work when all components are correct by design and can be combined to achieve scalability this publication offers refereed papers covering various aspects such as system design and implementation tools concurrent programming languages libraries and run time kernels and formal methods and applications

Reuse Methodology Manual *2012-12-06*

the capability to design quality software and implement modern information systems is at the core of economic growth in the 21st century this book aims to review and analyze software engineering technologies focusing on the evolution of design and implementation platforms as well as on novel computer systems

Communicating Process Architectures *2005 2005*

interested in developing embedded systems since they don't tolerate inefficiency these systems require a disciplined approach to programming this easy to read guide helps you cultivate good development practices based on classic software design patterns and new patterns unique to embedded programming you'll learn how to build system architecture for processors not for operating systems and you'll discover techniques for dealing with hardware difficulties changing designs and manufacturing requirements written by an expert who has created systems ranging from dna scanners to children's toys this book is ideal for intermediate and experienced programmers no matter what platform you use this expanded second edition includes new chapters on iot and networked sensors motors and movement debugging data handling strategies and more optimize your system to reduce cost and increase performance develop an architecture that makes your software robust in resource constrained environments explore sensors displays motors and other i/o devices reduce ram and power consumption code space and processor cycles learn how to interpret schematics datasheets and power requirements discover how to implement complex mathematics and machine learning on small processors design effective embedded systems for iot and networked sensors

Software Engineering 2005

food composition data are useful throughout the food system for nutrition sensitive agriculture improved processing methods that ensure greater nutrient retention in foods nutrition labelling and to inform educate and protect consumers through food based dietary guidelines nutrition education and communication and legislation the fao

infoods food composition table for western africa wafct 2019 is an update of the west african food composition table of 2012 which lacked some important components foods and recipes wafct 2019 contains almost three times as many food entries and double the number of components with increased overall data quality many of the data points from wafct 2012 have been replaced with better data mostly analytical data from africa with a special emphasis on western africa these improvements are essential to understanding the nutrient composition of foods in the region and to promoting their appropriate use wafct 2019 is the result of four years of collaboration among infoods network researchers in africa and the nutrition and food systems division of fao and was developed as part of the international dietary data expansion index project implemented by tufts university s gerald j and dorothy r friedman school of nutrition science and policy with funding from the bill melinda gates foundation these new data from wafct 2019 will support further research towards an expanded and improved evidence base and will support better more informed decisions and effective policies and programmes for improved nutrition in africa

Making Embedded Systems *2024-03-01*

ar vr 3d

addison wesley professional practical augmented reality a guide to the technologies applications and human factors for ar and vr part 1 ar vr 1 part 2 part 3 ar vr 13 14 15 16 17 18 19 20

part 4 21 22 23 a b

FAO/INFOODS Food Composition Table for Western Africa (2019) / Table de composition des aliments

FAO/INFOODS pour l'Afrique de l'Ouest (2019) 2020-02-20

this book is about how to design the most complex types of digital circuit boards used inside servers routers and other equipment from high level system architecture down to the low level signal integrity concepts it explains common structures and subsystems that can be expanded into new designs in different markets the book is targeted at all levels of hardware engineers there are shorter lower level introductions to every topic while the book also takes the reader all they way to the most complex and most advanced topics of digital circuit design layout design analysis and hardware architecture

AR 2020-11-27

this volume presents the proceedings of the 7th asian pacific conference on medical and biological engineering apcmbe 2008 themed biomedical engineering promoting sustainable development of modern medicine the proceedings address a broad spectrum of topics from bioengineering and biomedicine like biomaterials artificial organs tissue engineering nanobiotechnology and nanomedicine biomedical imaging bio mems biosignal processing digital medicine bme education it helps medical and biological engineering professionals to interact and exchange their ideas and experiences

1 PIC 2013-03-20

the next generation of computer system designers will be less concerned about details of processors and memories and more concerned about the elements of a system tailored to particular applications these designers will have a fundamental knowledge of processors and other elements in the system but the success of their design will

depend on the skills in making system level tradeoffs that optimize the cost performance and other attributes to meet application requirements this book provides a new treatment of computer system design particularly for system on chip soc which addresses the issues mentioned above it begins with a global introduction from the high level view to the lowest common denominator the chip itself then moves on to the three main building blocks of an soc processor memory and interconnect next is an overview of what makes soc unique its customization ability and the applications that drive it the final chapter presents future challenges for system design and soc possibilities

Complex Digital Hardware Design 2024-05-09

the book attempts to achieve a balance between theory and application for this reason the book does not over emphasize the mathematics of switching theory however it does present the theory which is necessary for understanding the fundamental concepts of logic design written in a student friendly style the book provides an in depth knowledge of logic design striking a balance between theory and practice it covers topics ranging from number systems binary codes logic gates and boolean algebra design of combinational logic circuits synchronous and asynchronous sequential circuits etc the main emphasis of this book is to highlight the theoretical concepts and systematic synthesis techniques that can be applied to the design of practical digital systems this comprehensive book is written for the graduate students of electronics and communication engineering electrical and electronics engineering instrumentation engineering telecommunication engineering computer science and engineering and information technology

□□□□□□□□ 1983

reconfigurable computing marks a revolutionary and hot topic that bridges the gap between the separate worlds of hardware and software design the key feature of reconfigurable computing is its groundbreaking ability to perform computations in hardware to increase performance while retaining the flexibility of a software solution reconfigurable computers serve as affordable fast and accurate tools for developing designs ranging from single chip architectures to multi chip and embedded systems

scott hauck and andre dehon have assembled a group of the key experts in the fields of both hardware and software computing to provide an introduction to the entire range of issues relating to reconfigurable computing fpgas field programmable gate arrays act as the computing vehicles to implement this powerful technology readers will be guided into adopting a completely new way of handling existing design concerns and be able to make use of the vast opportunities possible with reconfigurable logic in this rapidly evolving field designed for both hardware and software programmers views of reconfigurable programming beyond standard programming languages broad set of case studies demonstrating how to use fpgas in novel and efficient ways

7th Asian-Pacific Conference on Medical and Biological Engineering 2008-05-17

embedded internet and internet appliances are the focus of great attention in the computing industry as they are seen as the future of computing the design of such devices presents many technical challenges this book is the first guide available that describes how to design internet access and communications capabilities into embedded systems it takes an integrated hardware software approach using the java programming language and industry standard microcontrollers numerous illustrations and code examples enliven the text this book shows how to build various sensors and control devices that connect to the tini interfaces explains how to write programs that control them in java and then ties them all together in practical applications included is a discussion on how these technologies work where to get detailed specifications and ideas for the reader to pursue beyond the book the first guide to designing internet access and communications capabilities into embedded systems takes an integrated hardware software approach using the java programming language an industry standard

Computer System Design 2011-08-08

nowadays using sram based fpgas in space missions is increasingly considered due to their flexibility and reprogrammability a challenge is the devices sensitivity to radiation effects that increased with modern architectures due to smaller cmos structures this work proposes fault tolerance methodologies that are based on a fine grain view to modern reconfigurable architectures the focus is on seu mitigation challenges in sram based fpgas which can result in crucial situations

Logic Design 2019-11-07

welcome to the proceedings of the 2005 ifip international conference on embedded and ubiquitous computing euc 2005 which was held in nagasaki japan december 6 9 2005 embedded and ubiquitous computing is emerging rapidly as an exciting new paradigm to provide computing and communication services all the time everywhere its systems are now pervading every aspect of life to the point that they are hidden inside various appliances or can be worn unobtrusively as part of clothing and jewelry this emergence is a natural outcome of research and technological advances in embedded systems pervasive computing and communications wireless networks mobile computing distributed computing and agent technologies etc its tremendous impact on academics industry government and daily life can be compared to that of electric motors over the past century in fact it but promises to revolutionize life much more profoundly than elevators electric motors or even personal computers the euc 2005 conference provided a forum for engineers and scientists in academia industry and government to address profound issues including technical challenges safety and social legal political and economic issues and to present and discuss their ideas results work in progress and experience on all aspects of embedded and ubiquitous computing

Reconfigurable Computing 2010-07-26

a simple practical guide to solar energy designing and installing photovoltaic solar electric systems the solar electricity handbook is a practical and straightforward guide to using electric solar panels assuming no previous knowledge the book explains how solar panels work how they can be used and explains the steps you need to take to successfully design and install a solar photovoltaic system from scratch this books contains all basic knowledge for example 1 selection solar panel 2 calculation of requirement of battery inverter etc 3 various types solar connectors 4 solar power charge controllers 5 wire and cables and connections 6 junction box and connection 7 safety measures 8 government subsidy rules 9 list of suppliers and manufacturers in india for solar panel battery and other equipments 10 calculation of size of solar cables 11 price list of panels and other resources 12 roof installation 13 ground installation 14 pole installation 15 different type of solar cell technology 16 solar accessories and equipments and much more

Designing Embedded Internet Devices *2003*

fpgas field programmable gate arrays can be found in applications such as smart phones mp3 players medical imaging devices and for aerospace and defense technology fpgas consist of logic blocks and programmable interconnects this allows an engineer to start with a blank slate and program the fpga for a specific task for instance digital signal processing or a specific device for example a software defined radio due to the short time to market and ability to reprogram to fix bugs without having to respin fpgas are in increasingly high demand this book is for the engineer that has not yet had any experience with this electrifying and growing field the complex issue of fpga design is broken down into four distinct phases design synthesis simulation place route numerous step by step examples along with source code accompany the discussion a brief primer of one of the popular fpga and hardware languages vhdl is incorporated for a simple yet comprehensive learning tool while a general technology background is assumed no direct hardware development understanding is needed also included are details on tool set up verification techniques and test benches reference material consists of a quick reference guide reserved words and common vhdl fpga terms learn how to design and develop fpgas no prior experience necessary breaks down the complex design and development of fpgas into easy to learn building blocks contains examples helpful tips and step by step tutorials for synthesis implementation simulation and programming phases

Using Fine Grain Approaches for Highly Reliable Design of FPGA-based Systems in Space *2014-05-22*

special topic volume with invited peer reviewed papers only

Embedded and Ubiquitous Computing - EUC 2005 *2005-11-24*

this book constitutes the refereed proceedings of the 9th international conference on supercomputing isum 2018 held in mérida mexico in march 2018 the 19 revised full papers presented were carefully reviewed and selected from 64 submissions the papers are organized in topical sections on scheduling architecture and programming

parallel computing applications and hpc

Solar Panel Installation Guide and User's Manual 1994

this book describes the most frequently used high speed serial buses in embedded systems especially those used by fpgas these buses employ serdes jesd204 srio pcie aurora and sata protocols for chip to chip and board to board communication and cpcie vpx fc and infiniband protocols for inter chassis communication for each type the book provides the bus history and version info while also assessing its advantages and limitations furthermore it offers a detailed guide to implementing these buses in fpga design from the physical layer and link synchronization to the frame format and application command given its scope the book offers a valuable resource for researchers r d engineers and graduate students in computer science or electronics who wish to learn the protocol principles structures and applications of high speed serial buses

□□□□□□□ 2010-01-16

FPGAs 101 2023-10-06

Machinability Analysis and Processing Technologies 2018-12-30

Supercomputing 2020-01-03

High-speed Serial Buses in Embedded Systems

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