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The only end-to-end guide to securing Apache Web servers and Web applications Apache can be hacked. As companies have improved perimeter security, hackers have increasingly focused on attacking Apache Web servers and Web applications. Firewalls and SSL won't protect you: you must systematically harden your Web application environment. Preventing Web Attacks with Apache brings together all the information you'll need to do that: step-by-step guidance, hands-on examples, and tested configuration files. Building on his groundbreaking SANS presentations on Apache security, Ryan C. Barnett reveals why your Web servers represent such a compelling target, how significant exploits are performed, and how they can be defended against. Exploits discussed include: buffer overflows, denial of service, attacks on vulnerable scripts and programs, credential sniffing and spoofing, client parameter manipulation, brute force attacks, web defacements, and more. Barnett introduces the Center for Internet Security Apache Benchmarks, a set of best-practice Apache security configuration actions and settings he helped to create. He addresses issues related to IT processes and your underlying OS; Apache downloading, installation, and configuration; application hardening; monitoring, and more. He also presents a chapter-length case study using actual Web attack logs and data captured "in the wild." For every sysadmin, Web professional, and security specialist responsible for Apache or Web application security. The two-volume set LNCS 9981 and 9982 constitutes the refereed proceedings of the 15th International Semantic Web Conference, ISWC 2016, which was held in Kobe, Japan, in October 2016. The 75 full papers presented in these proceedings were carefully reviewed and selected from 326 submissions. The International Semantic Web Conference is the premier forum for Semantic Web research, where cutting edge scientific results and technological innovations are presented, where problems and solutions are discussed, and where the future of this vision is being developed. It brings together specialists in fields such as artificial intelligence, databases, social networks, distributed computing, Web engineering, information systems, human-computer interaction, natural language processing, and the social sciences. The Research Track solicited novel and significant research contributions addressing theoretical, analytical, empirical, and practical aspects of the Semantic Web. The Applications Track solicited submissions exploring the benefits and challenges of applying semantic technologies in concrete, practical applications, in contexts ranging from industry to government and science. The newly introduced Resources Track sought submissions providing a concise and clear description of a resource and its (expected) usage. Traditional resources include ontologies, vocabularies, datasets, benchmarks and replication studies, services and software. Besides more established types of resources, the track solicited submissions of new types of resources such as ontology design patterns, crowdsourcing task designs, workflows, methodologies, and protocols and measures. This book is aimed to be a boon for those who are willing to develop a web application on their own. Though HTML with CSS will be quite enough to design a website, PHP can be useful to develop a dynamic web application. This book portrays each concept with a real time scenario and it also contains the important script modules that can be useful while developing any web application. I am sure that this first edition will create a strong positive impact in the minds of its readers. Having a huge textual book for developing web application with PHP, this book stands a step forward as it spills the beans. It will guide you to come out of all the obstacles that you have faced while developing a web application. Excel at Excel with the help of this bestselling spreadsheet guide John Walkenbach's name is synonymous with excellence in computer books that decipher the complexities of Microsoft Excel. Known as "Mr. Spreadsheet," Walkenbach shows you how to maximize the power of Excel 2013 while bringing you up to speed on the latest features. This perennial bestseller is fully updated to cover all the new features of Excel 2013, including how to navigate the user interface, take advantage of various file formats, master formulas, analyze data with PivotTables, and more. Whether you're an Excel beginner who is looking to get more savvy or an advanced user looking to become a power user, this latest edition provides you with comprehensive coverage as well as helpful tips, tricks, and techniques that you won't find anywhere else. Shares the invaluable insight of Excel guru and bestselling author "Mr. Spreadsheet" John Walkenbach as he guides you through every aspect of Excel 2013 Provides essential coverage of all the newest features of Excel 2013 Presents material in a clear, concise, logical format that is ideal for all levels of Excel experience Features a website that includes downloadable templates and worksheets from the book Chart your path to fantastic formulas and stellar spreadsheets with Excel 2013 Bible! What is this book about? Beginning Web Programming with HTML, XHTML, and CSS teaches you how to write Web pages using HTML, XHTML, and CSS. It follows standards-based principles, but also teaches readers ways around problems they are likely to face using (X)HTML. While XHTML is the "current" standard, the book still covers HTML because many people do not yet understand that XHTML is the official successor to HTML, and many readers will still stick with HTML for backward compatibility and simpler/informal Web pages that don't require XHTML compliance. The book teaches basic principles of usability and accessibility along the way, to get users into the mode of developing Web pages that will be available to as many viewers as possible from the start. The book also covers the most commonly used programming/scripting language — JavaScript — and provides readers with a roadmap of other Web technologies to learn after mastering this book to add more functionality to their sites. 2.1 E-Government: e-Governance and e-Democracy The term Electronic Government (e-Government), as an expression, was coined after the example of Electronic Commerce. In spite of being a relatively recent expression, e-Government designates a field of activity that has been with us for several decades and which has attained a high level of penetration in many countries. What has been observed over the recent years is a shift on the broadness of the e-Government concept. The ideas inside e-Governance and e-Democracy are to some extent promising big changes in public administration. The demand now is not only simply delivering a service - line. It is to deliver complex and new services, which are all citizen-centric. Another important demand is related to the improvement of citizen's participation in governmental processes and decisions so that the governments' transparency and legitimacy are enforced. In order to fulfill these new demands, a lot of research has been done over the recent years (see Section 3) but many challenges are still to be faced, not only in the technological field, but also in the political and social aspects. This book discusses Hong Kong's use of onscreen marking (OSM) in public examinations. Given that Hong Kong leads the way in OSM innovation, this book has arisen from a recognised need to provide a comprehensive, coherent account of the findings of various separate but linked validation

studies of onscreen public examinations in Hong Kong. The authors discuss their experience of the validation process, demonstrating how high-stakes innovation should be fully validated by a series of research studies in order to satisfy key stakeholders. This book constitutes the proceedings of the 12th International Workshop on Statistical Atlases and Computational Models of the Heart, STACOM 2021, as well as the M&Ms-2 Challenge: Multi-Disease, Multi-View and Multi-Center Right Ventricular Segmentation in Cardiac MRI Challenge. The 25 regular workshop papers included in this volume were carefully reviewed and selected after being revised. They deal with cardiac imaging and image processing, machine learning applied to cardiac imaging and image analysis, atlas construction, artificial intelligence, statistical modelling of cardiac function across different patient populations, cardiac computational physiology, model customization, atlas based functional analysis, ontological schemata for data and results, integrated functional and structural analyses, as well as the pre-clinical and clinical applicability of these methods. In addition, 15 papers from the M&MS-2 challenge are included in this volume. The Multi-Disease, Multi-View & Multi-Center Right Ventricular Segmentation in Cardiac MRI Challenge (M&Ms-2) is focusing on the development of generalizable deep learning models for the Right Ventricle that can maintain good segmentation accuracy on different centers, pathologies and cardiac MRI views. There was a total of 48 submissions to the workshop. A Database-Powered Website--Easier and Yet More Powerful Than Ever The latest release of ColdFusion represents a giant leap forward in the creation of dynamic, database-driven websites. Mastering ColdFusion MX is the resource you need to take advantage of everything MX has to offer. Whether you're just getting started or making the transition from an earlier version, you'll quickly gain the skills that will take you to the next level. Master database interactions, integrate with Flash applications, build and consume web services, manage and secure your server--and, most importantly, develop full-blown, dynamic web applications. Coverage Includes: * Including outside code * Creating and manipulating variables * Interacting with email, web, FTP, and LDAP servers * Creating dynamic charts and graphs * Creating and validating forms * Using SQL for advanced, dynamic database interaction * Using JSP custom tag libraries in ColdFusion * Building rich-media applications with Flash Remoting * Using XML with ColdFusion * Using object-oriented programming with ColdFusion Components * Building and consuming web services * Scheduling automatic execution of ColdFusion programs * Implementing fine-grained, advanced security * Implementing error control * Building a search engine with Verity * Administering ColdFusion servers "Validating Second Language Reading Examinations describes the development of an empirical framework for test validation and comparison of reading tests at different proficiency levels through a critical evaluation of alignment with the Common European Framework of Reference (CEFR). It focuses on contextual parameters, cognitive processing operations and test results and identifies parameters for the description of different levels of reading proficiency examinations. The volume explores procedures for linking tests to the CEFR and proposes both qualitative and quantitative methods that complement the procedures recommended in the Council of Europe's Relating Language Examinations to the Common European Framework of Reference for Languages (CEFR): A Manual, piloted in 2003 and revised 2009. Key features of the book include: - a detailed review of the literature on CEFR alignment, vertical scaling, test specifications and test comparability - a comprehensive and coherent approach to the validation of reading tests - an accessible and systematic description of procedures for collecting validity evidence based on a sound theoretical framework - a case study comparing different testing systems targeting the same CEFR level"-- Helps engineers and scientists assess and manage uncertainty at all stages of experimentation and validation of simulations Fully updated from its previous edition, Experimentation, Validation, and Uncertainty Analysis for Engineers, Fourth Edition includes expanded coverage and new examples of applying the Monte Carlo Method (MCM) in performing uncertainty analyses. Presenting the current, internationally accepted methodology from ISO, ANSI, and ASME standards for propagating uncertainties using both the MCM and the Taylor Series Method (TSM), it provides a logical approach to experimentation and validation through the application of uncertainty analysis in the planning, design, construction, debugging, execution, data analysis, and reporting phases of experimental and validation programs. It also illustrates how to use a spreadsheet approach to apply the MCM and the TSM, based on the authors' experience in applying uncertainty analysis in complex, large-scale testing of real engineering systems. Experimentation, Validation, and Uncertainty Analysis for Engineers, Fourth Edition includes examples throughout, contains end of chapter problems, and is accompanied by the authors' website www.uncertainty-analysis.com. Guides readers through all aspects of experimentation, validation, and uncertainty analysis Emphasizes the use of the Monte Carlo Method in performing uncertainty analysis Includes complete new examples throughout Features workable problems at the end of chapters Experimentation, Validation, and Uncertainty Analysis for Engineers, Fourth Edition is an ideal text and guide for researchers, engineers, and graduate and senior undergraduate students in engineering and science disciplines. Knowledge of the material in this Fourth Edition is a must for those involved in executing or managing experimental programs or validating models and simulations. Maximize the power of Excel 2013 formulas with this must-have Excel reference John Walkenbach, known as "Mr. Spreadsheet," is a master at deciphering complex technical topics and Excel formulas are no exception. This fully updated book delivers more than 800 pages of Excel 2013 tips, tricks, and techniques for creating formulas that calculate, developing custom worksheet functions with VBA, debugging formulas, and much more. Demonstrates how to use all the latest features in Excel 2013 Shows how to create financial formulas and tap into the power of array formulas Serves as a guide to using various lookup formulas, working with conditional formatting, and developing custom functions Shares proven solutions for handling typical (and not-so-typical) Excel formula challenges Includes links to the "Mr. Spreadsheet" website, which contains all the templates and worksheets used in the book, plus access to John Walkenbach's award-winning Power Utility Pak. From charts to PivotTables and everything in between, Excel 2013 Formulas is your formula for Excel success. Web Survey Methodology guides the reader through the past fifteen years of research in web survey methodology. It both provides practical guidance on the latest techniques for collecting valid and reliable data and offers a comprehensive overview of research issues. Core topics from preparation to questionnaire design, recruitment testing to analysis and survey software are all covered in a systematic and insightful way. The reader will be exposed to key concepts and key findings in the literature, covering measurement, non-response, adjustments, paradata, and cost issues. The book also discusses the hottest research topics in survey research today, such as internet panels, virtual interviewing, mobile surveys and the integration with passive measurements, e-social sciences, mixed modes and business intelligence. The book is intended for students, practitioners, and researchers in fields such as survey and market research, psychological research, official statistics and customer satisfaction research. With the growing use of information technology and the recent advances in web systems, the amount of data available to users has increased exponentially. Thus, there is a critical need to understand the content of the data. As a result, data-mining has become a popular research topic in recent years for the treatment of the "data rich and information poor" syndrome. In this carefully edited volume a theoretical foundation as well as important new directions for data-mining research are presented. It brings together a set of well respected data mining theoreticians and researchers with practical data mining experiences. The presented theories will give data mining practitioners a scientific perspective in data mining and thus provide more insight into their problems, and the provided new data mining topics can be expected to stimulate further research in these important directions. A comprehensive set of four Microsoft program guides for a range of users This set comes with the Excel 2013 Bible, PowerPoint 2013 Bible, Access 2013 Bible, and Word 2013 Bible. Tips, tricks, and techniques help you use four popular programs effectively. You'll be guided into Excel, Word, Access and PowerPoint 2013 insights. Get help creating Excel formulas and spreadsheets. Then use the Access guide so you're ready to organize, present, analyze, and share data. Learn how to create tables, manipulate datasheets, and build databases that suit your specific needs. You'll also find out the features of Word 2013 - from document design to producing master documents. Collaborate in the Cloud, format like a pro, and create forms and labels more easily. In the PowerPoint 2013 guide, you'll know the features and tools that make an impact. You'll also learn to work with photos and charts in the program. Leverage the full power of Excel formulas Excel 2016 Formulas is fully updated to cover all of the tips, tricks, and techniques you need to maximize the power of Excel 2016 through the use of formulas. This comprehensive book explains how to create financial formulas, release the power of array formulas, develop custom worksheet functions with VBA, debug formulas, and much more. Whether you're a beginner, a power user, or somewhere in between this is your essential go-to for the latest on Excel formulas. When conducting simple math or building highly complicated spreadsheets that require formulas up to the task, leveraging the right formula can heighten the accuracy and efficiency of your work, and can improve the speed with which you compile and analyze data. Understanding which formulas to use and knowing how to create a formula when you need to are essential. Access tips, tricks, and techniques that have

been fully updated to reflect the latest capabilities of Microsoft Excel Create and use formulas that have the power to transform your Excel experience Leverage supplemental material online, including sample files, templates, and worksheets from the book "This comprehensive collection offers a compendium of research on the design, implementation, and evaluation of online learning technologies, addressing the challenges and opportunities associated with the creation and management of Web-based applications and communities, instructional design, personalized learning environments, and effective educational delivery"--Provided by publisher. This new 7th edition of Pro C# 6.0 and the .NET 4.6 Platform has been completely revised and rewritten to reflect the latest changes to the C# language specification and new advances in the .NET Framework. You'll find new chapters covering all the important new features that make .NET 4.6 the most comprehensive release yet, including: A Refined ADO.NET Entity Framework Programming Model Numerous IDE and MVVM Enhancements for WPF Desktop Development Numerous updates to the ASP.NET Web APIs This comes on top of award winning coverage of core C# features, both old and new, that have made the previous editions of this book so popular. Readers will gain a solid foundation of object-oriented development techniques, attributes and reflection, generics and collections as well as numerous advanced topics not found in other texts (such as CIL opcodes and emitting dynamic assemblies). The mission of this book is to provide you with a comprehensive foundation in the C# programming language and the core aspects of the .NET platform plus overviews of technologies built on top of C# and .NET (ADO.NET and Entity Framework, Windows Communication Foundation (WCF), Windows Presentation Foundation (WPF), ASP.NET (WebForms, MVC, WebAPI).). Once you digest the information presented in these chapters, you'll be in a perfect position to apply this knowledge to your specific programming assignments, and you'll be well equipped to explore the .NET universe on your own terms. What You Will Learn: Be the first to understand the .NET 4.6 platform and C# 6. Discover the ins and outs of the leading .NET technology. Learn from an award-winning author who has been teaching the .NET world since version 1.0. Find complete coverage of XAML, .NET 4.6 and Visual Studio 2015 together with discussion of the new Windows Runtime. When using numerical simulation to make a decision, how can its reliability be determined? What are the common pitfalls and mistakes when assessing the trustworthiness of computed information, and how can they be avoided? Whenever numerical simulation is employed in connection with engineering decision-making, there is an implied expectation of reliability: one cannot base decisions on computed information without believing that information is reliable enough to support those decisions. Using mathematical models to show the reliability of computer-generated information is an essential part of any modelling effort. Giving users of finite element analysis (FEA) software an introduction to verification and validation procedures, this book thoroughly covers the fundamentals of assuring reliability in numerical simulation. The renowned authors systematically guide readers through the basic theory and algorithmic structure of the finite element method, using helpful examples and exercises throughout. Delivers the tools needed to have a working knowledge of the finite element method Illustrates the concepts and procedures of verification and validation Explains the process of conceptualization supported by virtual experimentation Describes the convergence characteristics of the h-, p- and hp-methods Covers the hierarchic view of mathematical models and finite element spaces Uses examples and exercises which illustrate the techniques and procedures of quality assurance Ideal for mechanical and structural engineering students, practicing engineers and applied mathematicians Includes parameter-controlled examples of solved problems in a companion website (www.wiley.com/go/szabo) The Handbook of Financial Cryptography and Security elucidates the theory and techniques of cryptography and illustrates how to establish and maintain security under the framework of financial cryptography. It applies various cryptographic techniques to auctions, electronic voting, micropayment systems, digital rights, financial portfolios, routing This book grew out of the First Symposium on the Personal Web, co-located with CASCON 2010 in Markham, Ontario, Canada. The purpose of the symposium was to bring together prominent researchers and practitioners from a diverse range of research areas relevant to the advancement of science and practice relating to the Personal Web. Research on the Personal Web is an outgrowth of the Smart Internet initiative, which seeks to extend and transform the web to be centred on the user, with the web as a calm platform ubiquitously providing cognitive support to its user and his or her tasks. As with the preceding SITCON workshop (held at CASCON 2009), this symposium involved a multi-disciplinary effort that brought together researchers and practitioners in data integration; web services modelling and architecture; human-computer interaction; predictive analytics; cloud infrastructure; semantics and ontology; and industrial application domains such as health care and finance. The discussions during the symposium dealt with different aspects of the architecture and functionality needed to make the Personal Web a reality. After the symposium the authors reworked their presentations into draft chapters that were submitted for peer evaluation and review. Every chapter went through two rounds of reviewing by at least two independent expert reviewers, and accepted chapters were then revised and are presented in this book. Based on the author's extensive experience teaching ASP.NET to professional developers, this text should prove useful to any serious ASP.NET developer. This book is an open access book. This book provides an overview of the ERIGrid validation methodology for validating CPES, a holistic power system testing method. It introduces readers to corresponding simulation and laboratory-based tools, including co-simulation, real-time simulation, and hardware-in-the-loop. Selected test cases and validation examples are provided, in order to support the theory discussed. The book begins with an introduction to current power system testing methods and an overview of the ERIGrid system-level validation approach. It then moves on to discuss various validation methods, concepts and tools, including simulation and laboratory-based assessment methods. The book presents test cases and validation examples of the proposed methodologies and summarises the lessons learned from the holistic validation approach. In the final section of the book, the educational aspects of these methods, the outlook for the future, and overall conclusions are discussed. Given its scope, the book will be of interest to researchers, engineers, and laboratory personnel in the fields of power systems and smart grids, as well as undergraduate and graduate students studying related engineering topics. The accessible, easy-to-follow guide that demystifies documentation management When it comes to receiving documentation to confirm good science, U.S. and international regulators place high demands on the healthcare industry. As a result, companies developing and manufacturing therapeutic products must implement a strategy that allows them to properly manage their records and documents, since they must comply with rigorous standards and be available for regulatory review or inspection at a moment's notice. Written in a user-friendly Q&A style for quick reference, Managing the Documentation Maze provides answers to 750 questions the authors encounter frequently in their roles as consultants and trainers. In simple terms, this handy guide breaks down the key components that facilitate successful document management, and shows why it needs to be a core discipline in the industry with information on: Compliance with regulations in pharmaceutical, biological, and device record keeping Electronic systems, hybrid systems, and the entire scope of documentation that companies must manage How to write and edit documents that meet regulatory compliance Making the transition to an electronic system, including how to validate and document the process Anyone responsible for managing documents in the health field will find this book to be a trusted partner in unraveling the bureaucratic web of confusion, while it initiates a plan on how to put an effective, lasting system in place—one that will stand up to any type of scrutiny. The Web Wizard's Guide to JavaScript teaches readers how to create Web sites that will have an audience coming back for more. From rollovers to cookies, this quick and easy-to-understand introduction to JavaScript will show readers how to create well-designed, user-friendly Web sites in no time. This book discusses plug-ins and multimedia, presents information on forms and explains the basic programming concepts behind JavaScript. It includes appendices of HTML tags and JavaScript keywords. The Web Wizard Series from Addison-Wesley is a series of brief, introductory books written by instructors on Internet and Web programming topics of interest to anyone who wants to create web pages. Each book includes an easy-to-read, full-color design featuring plenty of hands-on examples and exercises, and is written in a concise and practical manner so readers can use the technologies in no time. Presents an introduction to ASP.NET, covering such topics as Web forms, diagnostics and error handling, data binding, caching, and security. Find the right answer the first time with this useful handbook of preliminary aircraft design. Written by an engineer with close to 20 years of design experience, General Aviation Aircraft Design: Applied Methods and Procedures provides the practicing engineer with a versatile handbook that serves as the first source for finding answers to realistic aircraft design questions. The book is structured in an "equation/derivation/solved example" format for easy access to content. Readers will find it a valuable guide to topics such as sizing of horizontal and vertical tails to minimize drag, sizing of lifting surfaces to ensure proper dynamic stability, numerical performance methods, and common faults and fixes in aircraft design. In most cases, numerical examples involve actual aircraft specs. Concepts are visually depicted by a number of useful black-and-white figures, photos, and

graphs (with full-color images included in the eBook only). Broad and deep in coverage, it is intended for practicing engineers, aerospace engineering students, mathematically astute amateur aircraft designers, and anyone interested in aircraft design. Organized by articles and structured in an "equation/derivation/solved example" format for easy access to the content you need Numerical examples involve actual aircraft specs Contains high-interest topics not found in other texts, including sizing of horizontal and vertical tails to minimize drag, sizing of lifting surfaces to ensure proper dynamic stability, numerical performance methods, and common faults and fixes in aircraft design Provides a unique safety-oriented design checklist based on industry experience Discusses advantages and disadvantages of using computational tools during the design process Features detailed summaries of design options detailing the pros and cons of each aerodynamic solution Includes three case studies showing applications to business jets, general aviation aircraft, and UAVs Numerous high-quality graphics clearly illustrate the book's concepts (note: images are full-color in eBook only) This volume contains a selection of revised papers that were presented at the Software Aspects of Robotic Systems, SARS 2011 Workshop and the Machine Learning for System Construction, MLSC 2011 Workshop, held during October 17-18 in Vienna, Austria, under the auspices of the International Symposium Series on Leveraging Applications of Formal Methods, Verification, and Validation, ISoLA. The topics covered by the papers of the SARS and the MLSC workshop demonstrate the breadth and the richness of the respective fields of the two workshops stretching from robot programming to languages and compilation techniques, to real-time and fault tolerance, to dependability, software architectures, computer vision, cognitive robotics, multi-robot-coordination, and simulation to bio-inspired algorithms, and from machine learning for anomaly detection, to model construction in software product lines to classification of web service interfaces. In addition the SARS workshop hosted a special session on the recently launched KOROS project on collaborating robot systems that is borne by a consortium of researchers of the faculties of architecture and planning, computer science, electrical engineering and information technology, and mechanical and industrial engineering at the Vienna University of Technology. The four papers devoted to this session highlight important research directions pursued in this interdisciplinary research project. "Project Planning and Management: A Guide for CNLs, DNPs, and Nurse Executives provides a step-by-step approach to developing, implementing, and evaluating a project plan. This book serves as a guide to refining the idea or question, reviewing relevant evidence to support a best practice intervention, and outlining process dynamics, outcomes management, and evaluation strategies. Features throughout the text include chapter objectives, key terms, summaries, evidence-based examples, boxed articles, case studies, and review questions, as well as PowerPoint presentations and exam questions. This is the perfect resource for capstone courses and field studies as well as an ideal reference for professionals"--BOOK JACKET. Introduces Microsoft's widely-used, free Web development tool to new users and to those preparing for certification Includes thirty one-hour lessons that recreate a typical week-long introductory seminar Gets readers quickly up-to-speed on using ASP.NET and Web Matrix to develop Web pages and Web services The author has taught ASP.NET and other Microsoft tools for Xerox Connect and other major corporations Companion Web site features an online presentation by the author that follows along with each chapter and includes an audio-only option for readers with dial-up Internet connection With organizations and individuals increasingly dependent on the Web, the need for competent, well-trained Web developers and maintainers is growing. Helping readers master Web development, Dynamic Web Programming and HTML5 covers specific Web programming languages, APIs, and coding techniques and provides an in-depth understanding of the underlying concepts, theory, and principles. The author leads readers through page structuring, page layout/styling, user input processing, dynamic user interfaces, database-driven websites, and mobile website development. After an overview of the Web and Internet, the book focuses on the new HTML5 and its associated open Web platform standards. It covers the HTML5 markup language and DOM, new elements for structuring Web documents and forms, CSS3, and important JavaScript APIs associated with HTML5. Moving on to dynamic page generation and server-side programming with PHP, the text discusses page templates, form processing, session control, user login, database access, and server-side HTTP requests. It also explores more advanced topics such as XML and PHP/MySQL. Suitable for a one- or two-semester course at the advanced undergraduate or beginning graduate level, this comprehensive and up-to-date guide helps readers learn modern Web technologies and their practical applications. Numerous examples illustrate how the programming techniques and other elements work together to achieve practical goals. Online Resource Encouraging hands-on practice, the book's companion website at <http://dwp.sofpower.com> helps readers gain experience with the technologies and techniques involved in building good sites. Maintained by the author, the site offers: Live examples organized by chapter and cross-referenced in the text Programs from the text bundled in a downloadable code package Searchable index and appendices Ample resource listings and information updates This book collates the key security and privacy concerns faced by individuals and organizations who use various social networking sites. This includes activities such as connecting with friends, colleagues, and family; sharing and posting information; managing audio, video, and photos; and all other aspects of using social media sites both professionally and personally. In the setting of the Internet of Things (IoT) that can connect millions of devices at any one time, the security of such actions is paramount. Securing Social Networks in Cyberspace discusses user privacy and trust, location privacy, protecting children, managing multimedia content, cyberbullying, and much more. Current state-of-the-art defense mechanisms that can bring long-term solutions to tackling these threats are considered in the book. This book can be used as a reference for an easy understanding of complex cybersecurity issues in social networking platforms and services. It is beneficial for academicians and graduate-level researchers. General readers may find it beneficial in protecting their social-media-related profiles. The complete guide to Excel 2016, from Mr. Spreadsheet himself **Whether you are just starting out or an Excel novice, the Excel 2016 Bible is your comprehensive, go-to guide for all your Excel 2016 needs. Whether you use Excel at work or at home, you will be guided through the powerful new features and capabilities by expert author and Excel Guru John Walkenbach to take full advantage of what the updated version offers. Learn to incorporate templates, implement formulas, create pivot tables, analyze data, and much more. Navigate this powerful tool for business, home management, technical work, and much more with the only resource you need, Excel 2016 Bible. Create functional spreadsheets that work Master formulas, formatting, pivot tables, and more Get acquainted with Excel 2016's new features and tools Customize downloadable templates and worksheets Whether you need a walkthrough tutorial or an easy-to-navigate desk reference, the Excel 2016 Bible has you covered with complete coverage and clear expert guidance. This book constitutes the thoroughly refereed post-proceedings of the 6th International Conference on Applications of Natural Language to Information Systems, NLDB 2002, held in Stockholm, Sweden in June 2002. The 17 revised full papers and 7 revised short papers presented were carefully selected from 42 submissions during two rounds of reviewing and revision. The papers are organized in topical sections on linguistic aspects of modeling, information retrieval, natural language text understanding, knowledge bases, recognition of information in natural language descriptions, and natural language conversational systems. This book is both a reference for engineers and scientists and a teaching resource, featuring tutorial chapters and research papers on feature extraction. Until now there has been insufficient consideration of feature selection algorithms, no unified presentation of leading methods, and no systematic comparisons. The complete guide to Excel 2019 Whether you are just starting out or an Excel novice, the Excel 2019 Bible is your comprehensive, go-to guide for all your Excel 2019 needs. Whether you use Excel at work or at home, you will be guided through the powerful new features and capabilities to take full advantage of what the updated version offers. Learn to incorporate templates, implement formulas, create pivot tables, analyze data, and much more. Navigate this powerful tool for business, home management, technical work, and much more with the only resource you need, Excel 2019 Bible. Create functional spreadsheets that work Master formulas, formatting, pivot tables, and more Get acquainted with Excel 2019's new features and tools Whether you need a walkthrough tutorial or an easy-to-navigate desk reference, the Excel 2019 Bible has you covered with complete coverage and clear expert guidance.**