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## **KEY=USER - SHANIYA KIRK**

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**Windows Phone 8 Development Internals Pearson Education Build and optimize Windows Phone 8 apps for performance and security Drill into Windows Phone 8 design and architecture, and learn best practices for building phone apps for consumers and the enterprise. Written by two senior members of the core Windows Phone Developer Platform team, this hands-on book gets you up to speed on the Windows 8 core features and application model, and shows you how to build apps with managed code in C# and native code in C++. You'll also learn how to incorporate Windows Phone 8 features such as speech, the Wallet, and in-app purchase. Discover how to: Create UIs with unique layouts, controls, and gesture support Manage databinding with the Model View ViewModel pattern Build apps that target Windows Phone 8 and Windows Phone 7 Use built-in sensors, including the accelerometer and camera Consume web services and connect to social media apps Share code across Windows Phone 8 and Windows 8 apps Build and deploy company hub apps for the enterprise Start developing games using Direct3D Test your app and submit it to the Windows Phone Store 802.11ac: A Survival Guide Wi-Fi at Gigabit and Beyond "O'Reilly Media, Inc." The next frontier for wireless LANs is 802.11ac, a standard that increases throughput beyond one gigabit per second. This concise guide provides in-depth information to help you plan for 802.11ac, with technical details on design, network operations, deployment, and monitoring. Author Matthew Gast—an industry expert who led the development of 802.11-2012 and security task groups at the Wi-Fi Alliance—explains how 802.11ac will not only increase the speed of your network, but its capacity as well. Whether you need to serve more clients with your current level of throughput, or serve your existing client load with higher throughput, 802.11ac is the solution. This book gets you**

started. Understand how the 802.11ac protocol works to improve the speed and capacity of a wireless LAN Explore how beamforming increases speed capacity by improving link margin, and lays the foundation for multi-user MIMO Learn how multi-user MIMO increases capacity by enabling an AP to send data to multiple clients simultaneously Plan when and how to upgrade your network to 802.11ac by evaluating client devices, applications, and network connections Mobile Unleashed The Origin and Evolution of Arm Processors in Our Devices Createspace Independent Publishing Platform This is the origin story of technology super heroes: the creators and founders of ARM, the company that is responsible for the processors found inside 95% of the world's mobile devices today. This is also the evolution story of how three companies - Apple, Samsung, and Qualcomm - put ARM technology in the hands of billions of people through smartphones, tablets, music players, and more. It was anything but a straight line from idea to success for ARM. The story starts with the triumph of BBC Micro engineers Steve Furber and Sophie Wilson, who make the audacious decision to design their own microprocessor - and it works the first time. The question becomes, how to sell it? Part I follows ARM as its founders launch their own company, select a new leader, a new strategy, and find themselves partnered with Apple, TI, Nokia, and other companies just as digital technology starts to unleash mobile devices. ARM grows rapidly, even as other semiconductor firms struggle in the dot com meltdown, and establishes itself as a standard for embedded RISC processors. Apple aficionados will find the opening of Part II of interest the moment Steve Jobs returns and changes the direction toward fulfilling consumer dreams. Samsung devotees will see how that firm evolved from its earliest days in consumer electronics and semiconductors through a philosophical shift to innovation. Qualcomm followers will learn much of their history as it plays out from satellite communications to development of a mobile phone standard and emergence as a leading fabless semiconductor company. If ARM could be summarized in one word, it would be "collaboration." Throughout this story, from Foreword to Epilogue, efforts to develop an ecosystem are highlighted. Familiar names such as Google, Intel, Mediatek, Microsoft, Motorola, TSMC, and others are interwoven throughout. The evolution of ARM's first 25 years as a company wraps up with a shift to its next strategy: the Internet of Things, the ultimate connector for people and devices. Research for this story is extensive, simplifying a complex mobile industry timeline and uncovering critical points where ARM and other companies made fateful and sometimes surprising decisions. Rare photos, summary diagrams and tables, and unique perspectives from insiders add insight to this important telling of technology history. Practical Mobile Forensics Packt Publishing Ltd The book is an easy-to-follow guide with clear instructions on various mobile forensic techniques. The chapters and the topics within are structured for a smooth learning curve, which will swiftly empower you to master mobile forensics. If you are a budding forensic analyst, consultant,

engineer, or a forensic professional wanting to expand your skillset, this is the book for you. The book will also be beneficial to those with an interest in mobile forensics or wanting to find data lost on mobile devices. It will be helpful to be familiar with forensics in general but no prior experience is required to follow this book. **Embedded System Design Embedded Systems Foundations of Cyber-Physical Systems Springer Science & Business Media**

Until the late 1980s, information processing was associated with large mainframe computers and huge tape drives. During the 1990s, this trend shifted toward information processing with personal computers, or PCs. The trend toward miniaturization continues and in the future the majority of information processing systems will be small mobile computers, many of which will be embedded into larger products and interfaced to the physical environment. Hence, these kinds of systems are called embedded systems. Embedded systems together with their physical environment are called cyber-physical systems. Examples include systems such as transportation and fabrication equipment. It is expected that the total market volume of embedded systems will be significantly larger than that of traditional information processing systems such as PCs and mainframes. Embedded systems share a number of common characteristics. For example, they must be dependable, efficient, meet real-time constraints and require customized user interfaces (instead of generic keyboard and mouse interfaces). Therefore, it makes sense to consider common principles of embedded system design. **Embedded System Design** starts with an introduction into the area and a survey of specification models and languages for embedded and cyber-physical systems. It provides a brief overview of hardware devices used for such systems and presents the essentials of system software for embedded systems, like real-time operating systems. The book also discusses evaluation and validation techniques for embedded systems. Furthermore, the book presents an overview of techniques for mapping applications to execution platforms. Due to the importance of resource efficiency, the book also contains a selected set of optimization techniques for embedded systems, including special compilation techniques. The book closes with a brief survey on testing. **Embedded System Design** can be used as a text book for courses on embedded systems and as a source which provides pointers to relevant material in the area for PhD students and teachers. It assumes a basic knowledge of information processing hardware and software. Courseware related to this book is available at <http://ls12-www.cs.tu-dortmund.de/~marwedel>. **Windows 8 Hacks Tips & Tools for Unlocking the Power of Tablets and Desktops "O'Reilly Media, Inc."** Windows 8 is quite different than previous Microsoft operating systems, but it's still eminently hackable. With this book, you'll learn how to make a variety of modifications, from speeding up boot time and disabling the Lock screen to hacking native apps and running Windows 8 on a Mac. And that's just the beginning. You'll find more than 100 standalone hacks on performance, multimedia, networking, the cloud,

security, email, hardware, and more. Not only will you learn how to use each hack, you'll also discover why it works. Add folders and other objects to the Start screen Run other Windows versions inside Windows 8 Juice up performance and track down bottlenecks Use the SkyDrive cloud service to sync your files everywhere Speed up web browsing and use other PCs on your home network Secure portable storage and set up a virtual private network Hack Windows 8 Mail and services such as Outlook Combine storage from different devices into one big virtual disk Take control of Window 8 setting with the Registry Cyber Security Essentials CRC Press The sophisticated methods used in recent high-profile cyber incidents have driven many to need to understand how such security issues work. Demystifying the complexity often associated with information assurance, Cyber Security Essentials provides a clear understanding of the concepts behind prevalent threats, tactics, and procedures. To accomplish High Performance Computing ISC High Performance 2020 International Workshops, Frankfurt, Germany, June 21-25, 2020, Revised Selected Papers Springer Nature This book constitutes the refereed post-conference proceedings of 10 workshops held at the 35th International ISC High Performance 2020 Conference, in Frankfurt, Germany, in June 2020: First Workshop on Compiler-assisted Correctness Checking and Performance Optimization for HPC (C3PO); First International Workshop on the Application of Machine Learning Techniques to Computational Fluid Dynamics Simulations and Analysis (CFDML); HPC I/O in the Data Center Workshop (HPC-IODC); First Workshop "Machine Learning on HPC Systems" (MLHPCS); First International Workshop on Monitoring and Data Analytics (MODA); 15th Workshop on Virtualization in High-Performance Cloud Computing (VHPC). The 25 full papers included in this volume were carefully reviewed and selected. They cover all aspects of research, development, and application of large-scale, high performance experimental and commercial systems. Topics include high-performance computing (HPC), computer architecture and hardware, programming models, system software, performance analysis and modeling, compiler analysis and optimization techniques, software sustainability, scientific applications, deep learning. Building Touch Interfaces with HTML5 Develop and Design Speed up your site and create amazing user experiences Peachpit Press HTML5 is the ideal format for designing touch interfaces to meet the demands of the rapidly growing number of tablet and smartphone users. Building Touch Interfaces with HTML5: Develop and Design will show you how to create interfaces users love, whether you've never created anything for the mobile web or have been unsatisfied with your results. Rather than a simple how-to, this book walks you through the tools and concepts that make touch interfaces feel right. You'll learn about the limitations and strengths of touch devices, new interface conventions, and how to use CSS, JavaScript, and HTML5 APIs. This book includes: Easy step-by-step instruction, ample illustrations, and clear examples Real-world assignments to test your skills Insight into best practices from a veteran

user-interface developer Emphasis on the skills you need to enter the exploding world of interface development using HTML5 Companion web page: [www.peachpit.com/touchinterfacedd](http://www.peachpit.com/touchinterfacedd) The Bios Companion Lulu.com This text describes the functions that the BIOS controls and how these relate to the hardware in a PC. It covers the CMOS and chipset set-up options found in most common modern BIOSs. It also features tables listing error codes needed to troubleshoot problems caused by the BIOS. How the Internet Works Que Publishing The mystery is revealed at last in detailed color diagrams and explanations, graphically depicting the technologies that make the Internet work and how they fit together. You'll be able to understand and even one-up your computer geek friends after reading chapters on the Internet's underlying architecture, communication on the Internet, how the Web works, multimedia, and security and parental controls. For anyone interested in the Internet. Annotation copyrighted by Book News, Inc., Portland, OR Mastering Mobile Forensics Packt Publishing Ltd Develop the capacity to dig deeper into mobile device data acquisition About This Book A mastering guide to help you overcome the roadblocks you face when dealing with mobile forensics Excel at the art of extracting data, recovering deleted data, bypassing screen locks, and much more Get best practices to how to collect and analyze mobile device data and accurately document your investigations Who This Book Is For The book is for mobile forensics professionals who have experience in handling forensic tools and methods. This book is designed for skilled digital forensic examiners, mobile forensic investigators, and law enforcement officers. What You Will Learn Understand the mobile forensics process model and get guidelines on mobile device forensics Acquire in-depth knowledge about smartphone acquisition and acquisition methods Gain a solid understanding of the architecture of operating systems, file formats, and mobile phone internal memory Explore the topics of of mobile security, data leak, and evidence recovery Dive into advanced topics such as GPS analysis, file carving, encryption, encoding, unpacking, and decompiling mobile application processes In Detail Mobile forensics presents a real challenge to the forensic community due to the fast and unstoppable changes in technology. This book aims to provide the forensic community an in-depth insight into mobile forensic techniques when it comes to deal with recent smartphones operating systems Starting with a brief overview of forensic strategies and investigation procedures, you will understand the concepts of file carving, GPS analysis, and string analyzing. You will also see the difference between encryption, encoding, and hashing methods and get to grips with the fundamentals of reverse code engineering. Next, the book will walk you through the iOS, Android and Windows Phone architectures and filesystem, followed by showing you various forensic approaches and data gathering techniques. You will also explore advanced forensic techniques and find out how to deal with third-applications using case studies. The book will help you master data acquisition on Windows Phone 8. By the end of this book, you will be

acquainted with best practices and the different models used in mobile forensics. Style and approach The book is a comprehensive guide that will help the IT forensics community to go more in-depth into the investigation process and mobile devices take-over. Innovation and Interdisciplinary Solutions for Underserved Areas First International Conference, InterSol 2017 and Sixth Collogue National sur la Recherche en Informatique et ses Applications, CNRIA 2017, Dakar, Senegal, April 11-12, 2017, Proceedings Springer This book constitutes the refereed post-conference proceedings of the First International Conference on Innovation and Interdisciplinary Solutions for Underserved Areas, InterSol 2017, and the 6th Collogue National sur la Recherche en Informatique et ses Applications (CNRIA), held in Dakar, Senegal, in April 2017. The 15 papers presented at InterSol were selected from 76 submissions and are grouped thematically in science, energy and environment, education, innovation, and healthcare. The proceedings also contain 13 papers from the co-located 6th CNRIA (Collogue National sur la Recherche en Informatique et ses Applications) focusing on network architecture and security, software engineering, data management, and signal processing. Computer Structure and Logic Pearson Education Computer Structure and Logic Pearson Certification Team The place to start your computer career! Learn about computers and networks from the ground up! Learn about computers and networks from the ground up! Your first step toward certifications from CompTIA, Microsoft, or Cisco... absolutely no experience necessary! Explains every part of your computer and shows how each part works together Teaches simple troubleshooting and repair techniques Packed with real-world examples and case studies Master the basics and build your strong foundation for success! I/O: How information gets into and out of computers Motherboards and buses: How your computer's parts are connected CPU: How your computer's "brain" works—and how to install and troubleshoot it Memory and storage: The types you need and how to install them Bootup: How your computer starts, what can go wrong, and how to fix it Operating systems: The basics of Windows, Mac OS X, and Linux Basic security: Protecting your data, connections, and computer Troubleshooting: The tools and methods every good PC technician must know Networks and the Internet: How they work, how they communicate, and how to connect to them Test your knowledge, gain confidence, and succeed! More than 150 questions, with clear explanations of every answer! Mobile Health Technologies Methods and Protocols Humana Press This volume represents a valuable collection of mobile health (mHealth) emerging technologies. Chapters focus on three main areas of mHealth: technologies for in vitro and environmental testing, mHealth technologies for physiological and anatomical measurements and mHealth technologies for imaging. This book is designed to make mHealth more accessible and understandable to engineers, medical professionals, molecular biologists, chemical, and physical science researchers developing mHealth technologies. Written in the highly successful Methods in Molecular Biology

series format, chapters include introductions to their respective topics, technical information about materials and reagents, step-by-step, readily reproducible laboratory protocols, and key tips on troubleshooting and avoiding known pitfalls. Authoritative and practical, **Mobile Health Technologies : Methods in Molecular Biology** aims to improve access to medical procedures including early detection, diagnostics and treatment through the development of new portable and accessible devices, and that this will lead to improved health technologies. **Active Directory "O'Reilly Media, Inc."** Working with Microsoft's network directory service for the first time can be a headache for system and network administrators, IT professionals, technical project managers, and programmers alike. This authoritative guide is meant to relieve that pain. Instead of going through the graphical user interface screen by screen, O'Reilly's bestselling **Active Directory** tells you how to design, manage, and maintain a small, medium, or enterprise Active Directory infrastructure. Fully updated to cover **Active Directory for Windows Server 2003 SP1 and R2**, this third edition is full of important updates and corrections. It's perfect for all Active Directory administrators, whether you manage a single server or a global multinational with thousands of servers. **Active Directory, 3rd Edition** is divided into three parts. Part I introduces much of how Active Directory works, giving you a thorough grounding in its concepts. Some of the topics include Active Directory replication, the schema, application partitions, group policies, and interaction with DNS. Part II details the issues around properly designing the directory infrastructure. Topics include designing the namespace, creating a site topology, designing group policies for locking down client settings, auditing, permissions, backup and recovery, and a look at Microsoft's future direction with Directory Services. Part III covers how to create and manipulate users, groups, printers, and other objects that you may need in your everyday management of Active Directory. If you want a book that lays bare the design and management of an enterprise or departmental Active Directory, then look no further. **Active Directory, 3rd Edition** will quickly earn its place among the books you don't want to be without. **Mobile Forensic Investigations: A Guide to Evidence Collection, Analysis, and Presentation, Second Edition McGraw Hill Professional** Master the tools and techniques of mobile forensic investigations Conduct mobile forensic investigations that are legal, ethical, and highly effective using the detailed information contained in this practical guide. **Mobile Forensic Investigations: A Guide to Evidence Collection, Analysis, and Presentation, Second Edition** fully explains the latest tools and methods along with features, examples, and real-world case studies. Find out how to assemble a mobile forensics lab, collect prosecutable evidence, uncover hidden files, and lock down the chain of custody. This comprehensive resource shows not only how to collect and analyze mobile device data but also how to accurately document your investigations to deliver court-ready documents. •Legally seize mobile devices, USB drives, SD cards, and SIM cards•Uncover sensitive data

through both physical and logical techniques•Properly package, document, transport, and store evidence•Work with free, open source, and commercial forensic software•Perform a deep dive analysis of iOS, Android, and Windows Phone file systems•Extract evidence from application, cache, and user storage files•Extract and analyze data from IoT devices, drones, wearables, and infotainment systems•Build SQLite queries and Python scripts for mobile device file interrogation•Prepare reports that will hold up to judicial and defense scrutiny

**Design Thinking Research Translation, Prototyping, and Measurement Springer Nature**

The practice of design thinking has become widespread over the last several years, and an increasing number of individuals and institutions have come to recognize its innovative power. However, its success story has also meant that the term has evolved into something of an overused, or even misused, buzzword. The demand for an in-depth, evidence-based understanding of the way design thinking works has grown accordingly. This challenge is addressed by the Hasso Plattner Design Thinking Research Program. Summarizing the outcomes of the research program's 12th year, this book presents a broad range of scientific insights gained by researchers at the Hasso Plattner Institutes in Potsdam, Germany and Stanford University in California, in the course of their investigations, experiments and studies. Special focus is placed on the impact, accessibility and measurability of design thinking. The contributing authors seek to establish common ground, conduct modelling, and develop essential toolkits. The expanding field of neurodesign is also addressed in contributions that explore the neural basis for creativity and nonverbal actions. The results of this rigorous academic research are not meant to be discussed exclusively within the scientific community: they will hopefully find their way to those who seek to promote innovation through collaboration, be it at businesses or in society.

**Wireless Home Networking For Dummies John Wiley & Sons**

Wireless home networks are better than ever! The emergence of new industry standards has made them easier, more convenient, less expensive to own and operate. Still, you need to know what to look for (and look out for), and the expert guidance you'll find in *Wireless Home Networks For Dummies, 3rd Edition* helps you ensure that your wire-free life is also a hassle-free life! This user-friendly, plain-English guide delivers all of the tips, tricks, and knowledge you need to plan your wireless home network, evaluate and select the equipment that will work best for you, install and configure your wireless network, and much more. You'll find out how to share your Internet connection over your network, as well as files, printers, and other peripherals. And, you'll learn how to avoid the "gotchas" that can creep in when you least expect them. Discover how to:

- Choose the right networking equipment
- Install and configure your wireless network
- Integrate Bluetooth into your network
- Work with servers, gateways, routers, and switches
- Connect audiovisual equipment to your wireless network
- Play wireless, multiuser computer games
- Establish and maintain your network's security
- Troubleshoot

networking problems Improve network performance Understand 802.11n Whether you're working with Windows PCs, Mac OS X machines, or both Wireless Home Networking For Dummies, 3rd Edition, makes it fast and easy to get your wireless network up and running—and keep it that way! GPU Pro 360 Guide to Rendering CRC Press Wolfgang Engel's GPU Pro 360 Guide to Rendering gathers all the cutting-edge information from his previous seven GPU Pro volumes into a convenient single source anthology that covers real-time rendering. This volume is complete with 32 articles by leading programmers that focus on the ability of graphics processing units to process and generate rendering in exciting ways. GPU Pro 360 Guide to Rendering is comprised of ready-to-use ideas and efficient procedures that can help solve many rendering programming challenges that may arise. Key Features: Presents tips and tricks on real-time rendering of special effects and visualization data on common consumer software platforms such as PCs, video consoles, and mobile devices Covers specific challenges involved in creating games on various platforms Explores the latest developments in the rapidly evolving field of real-time rendering Takes a practical approach that helps graphics programmers solve their daily challenges Batteries in a Portable World A Handbook on Rechargeable Batteries for Non-engineers Ec & M Books Microtimes Fluid Machinery and Fluid Mechanics 4th International Symposium (4th ISFMFE) Springer Science & Business Media "Fluid Machinery and Fluid Mechanics: 4th International Symposium (4th ISFMFE)" is the proceedings of 4th International Symposium on Fluid Machinery and Fluid Engineering, held in Beijing November 24-27, 2008. It contains 69 highly informative technical papers presented at the Mei Lecture session and the technical sessions of the symposium. The Chinese Society of Engineering Thermophysics (CSET) organized the First, the Second and the Third International Symposium on Fluid Machinery and Fluid Engineering (1996, 2000 and 2004). The purpose of the 4th Symposium is to provide a common forum for exchange of scientific and technical information worldwide on fluid machinery and fluid engineering for scientists and engineers. The main subject of this symposium is "Fluid Machinery for Energy Conservation". The "Mei Lecture" reports on the most recent developments of fluid machinery in commemoration of the late professor Mei Zuyan. The book is intended for researchers and engineers in fluid machinery and fluid engineering. Jianzhong Xu is a professor at the Chinese Society of Engineering Thermophysics, Chinese Academy of Sciences, Beijing. The PC Engineer's Reference Book Sigma Press Advances in Computer Science and Ubiquitous Computing CSA & CUTE Springer This book presents the combined proceedings of the 7th International Conference on Computer Science and its Applications (CSA-15) and the International Conference on Ubiquitous Information Technologies and Applications (CUTE 2015), both held in Cebu, Philippines, December 15 - 17, 2015. The aim of these two meetings was to promote discussion and interaction among academics, researchers and professionals in the field of computer science covering topics including

mobile computing, security and trust management, multimedia systems and devices, networks and communications, databases and data mining, and ubiquitous computing technologies such as ubiquitous communication and networking, ubiquitous software technology, ubiquitous systems and applications, security and privacy. These proceedings reflect the state-of-the-art in the development of computational methods, numerical simulations, error and uncertainty analysis and novel applications of new processing techniques in engineering, science, and other disciplines related to computer science.

**Liespotting Proven Techniques to Detect Deception** St. Martin's Press GET TO THE TRUTH People--friends, family members, work colleagues, salespeople--lie to us all the time. Daily, hourly, constantly. None of us is immune, and all of us are victims. According to studies by several different researchers, most of us encounter nearly 200 lies a day. Now there's something we can do about it. Pamela Meyer's **Liespotting** links three disciplines--facial recognition training, interrogation training, and a comprehensive survey of research in the field--into a specialized body of information developed specifically to help business leaders detect deception and get the information they need to successfully conduct their most important interactions and transactions. Some of the nation's leading business executives have learned to use these methods to root out lies in high stakes situations. **Liespotting** for the first time brings years of knowledge--previously found only in the intelligence community, police training academies, and universities--into the corporate boardroom, the manager's meeting, the job interview, the legal proceeding, and the deal negotiation.

**WHAT'S IN THE BOOK?** Learn communication secrets previously known only to a handful of scientists, interrogators and intelligence specialists. **Liespotting** reveals what's hiding in plain sight in every business meeting, job interview and negotiation: - The single most dangerous facial expression to watch out for in business & personal relationships - 10 questions that get people to tell you anything - A simple 5-step method for spotting and stopping the lies told in nearly every high-stakes business negotiation and interview - Dozens of postures and facial expressions that should instantly put you on Red Alert for deception - The telltale phrases and verbal responses that separate truthful stories from deceitful ones - How to create a circle of advisers who will guarantee your success

**Diesel Engine Reference Book** Butterworth-Heinemann Limited The **Diesel Engine Reference Book**, Second Edition, is a comprehensive work covering the design and application of diesel engines of all sizes. The first edition was published in 1984 and since that time the diesel engine has made significant advances in application areas from passenger cars and light trucks through to large marine vessels. The **Diesel Engine Reference Book** systematically covers all aspects of diesel engineering, from thermodynamics theory and modelling to condition monitoring of engines in service. It ranges through subjects of long-term use and application to engine designers, developers and users of the most ubiquitous mechanical power source in the world. The latest edition leaves

few of the original chapters untouched. The technical changes of the past 20 years have been enormous and this is reflected in the book. The essentials however, remain the same and the clarity of the original remains. Contributors to this well-respected work include some of the most prominent and experienced engineers from the UK, Europe and the USA. Most types of diesel engines from most applications are represented, from the smallest air-cooled engines, through passenger car and trucks, to marine engines. The approach to the subject is essentially practical, and even in the most complex technological language remains straightforward, with mathematics used only where necessary and then in a clear fashion. The approach to the topics varies to suit the needs of different readers. Some areas are covered in both an overview and also in some detail. Many drawings, graphs and photographs illustrate the 30 chapters and a large easy to use index provides convenient access to any information the readers requires.

**Game Production Studies 1. Production as a major factor of video game culture** Media research often revolves around the triumvirate of texts, audiences, and industries as its main focal points. Writing in 2017, Aphra Kerr, the leading expert on video game industry, noted that video game production is an understudied area both in game studies and in media studies more broadly, especially when compared to how much has been written games and players. This edited collection aims to address this research gap by zooming in on particular issues connected to labor, development, publishing, and monetization and catch up on other areas of research, such as screen studies, which started paying attention to production decades ago.

**2. A contextualized treatment of video game production** As the first collection to exclusively focus on video game production, Game Production Studies offers a unique package of 16 chapters, which explore major themes of labor, development, publishing, and monetization. Building upon the rich foundations of production studies, the collection combines various methodological approaches in order to analyze the cultural practices of video game production. Altogether, it tackles a wide range of issues and topics and aspires to provide the go-to resource for anyone interested in video game production.

**3. Timely case studies from across the world** This edited collection brings together 16 all-new essays based on empirical research carried out in recent years across the world. Our contributors present case studies from Canada, China, Finland, France, Germany, Poland, and the US among other countries. Considering how fast the video game production networks are evolving, the collection provides both timely discussion of new trends and phenomena such as boutique publishers, in-game monetization regulation, or game jam natives and also historical probes into particular industries, which address the wider socio-historical context of these changes.

**Neural Nets and Surroundings 22nd Italian Workshop on Neural Nets, WIRN 2012, May 17-19, Vietri sul Mare, Salerno, Italy** Springer Science & Business Media This volume collects a selection of contributions which has been presented at the 22nd Italian Workshop on Neural Networks, the yearly

meeting of the Italian Society for Neural Networks (SIREN). The conference was held in Italy, Vietri sul Mare (Salerno), during May 17-19, 2012. The annual meeting of SIREN is sponsored by International Neural Network Society (INNS), European Neural Network Society (ENNS) and IEEE Computational Intelligence Society (CIS). The book - as well as the workshop- is organized in three main components, two special sessions and a group of regular sessions featuring different aspects and point of views of artificial neural networks and natural intelligence, also including applications of present compelling interest. Industrial Power Systems Handbook McGraw-Hill Companies Flow Analysis of Injection Molds Carl Hanser Verlag GmbH Co KG Given the importance of injection molding as a process as well as the simulation industry that supports it, there was a need for a book that deals solely with the modeling and simulation of injection molding. This book meets that need. The modeling and simulation details of filling, packing, residual stress, shrinkage, and warpage of amorphous, semi-crystalline, and fiber-filled materials are described. This book is essential for simulation software users, as well as for graduate students and researchers who are interested in enhancing simulation. And for the specialist, numerous appendices provide detailed information on the topics discussed in the chapters. Contents: Part 1 The Current State of Simulation: Introduction, Stress and Strain in Fluid Mechanics, Material Properties of Polymers, Governing Equations, Approximations for Injection Molding, Numerical Methods for Solution Part 2 Improving Molding Simulation: Improved Fiber Orientation Modeling, Improved Mechanical Property Modeling, Long Fiber-Filled Materials, Crystallization, Effects of Crystallizations on Rheology and Thermal Properties, Colorant Effects, Prediction of Post-Molding Shrinkage and Warpage, Additional Issues of Injection-Molding Simulation, Epilogue Appendices: History of Injection-Molding Simulation, Tensor Notation, Derivation of Fiber Evolution Equations, Dimensional Analysis of Governing Equations, The Finite Difference Method, The Finite Element Method, Numerical Methods for the 2.5D Approximation, Three-Dimensional FEM for Mold Filling Analysis, Level Set Method, Full Form of Mori-Tanaka Model Windows 2000 Active Directory Sams Publishing Annotation Windows 2000 is one of most anticipated software releases in history and is a realization of a vision for desktop computing that Microsoft has been articulating for the past six years. The keystone and most eagerly anticipated new feature in the new administrative power inherent in the Windows 2000 Active Directory (AD). Windows 2000 Active Directory will provide the ideal foundation for achieving synergy between information about users, network infrastructure elements, and applications. Active Directory will provide the means to manage the entire network infrastructure from a single application. Active Directory will be a huge stumbling block for most administrators who need to get Windows 2000 up and running. Windows 2000 Active Directory will offer hands-on insight into the workings of the new and complex world of Active Directory. Through the use of case

studies, troubleshooting tips, check lists, mitigation recommendations, and technological explanations, the reader will receive the expert advice of experienced authors and beta testers. Using Ubuntu MATE and Its Applications Ubuntu MATE 20.04 LTS Edition Updated with improvements, updates, and new features included in Ubuntu MATE's 20.04 LTS (Long Term Support) release, I have written the third edition of this book for computer users who just want the information they need to learn how to use Ubuntu MATE and its applications. Reading this book can help you build your confidence and competence in using Ubuntu MATE. It is written from the perspective that Ubuntu MATE is a typical modern Linux for the average computer user who needs to do things like browsing the Internet, checking email, using a word processor, reading and storing document files, viewing and editing photos, watching videos, listening to music, and subscribing to podcasts. Many of the applications available in Ubuntu MATE are also available in other flavors of Ubuntu and in other distributions (versions) of Linux. The applications I mention in this book work in the same way regardless of the operating system. While it's great for users who have migrated from Windows or macOS, Ubuntu MATE is also an excellent choice for any kind of computer user, from the casual home user to the professional software developer. That's because of its modern, functionally thought-out design. Ubuntu MATE is capable enough for even the most experienced computer user because, well, it's Linux! It has the power of every other Linux built-in. Simply put, it provides a practical alternative to other software that can run on your computer. Whether you are new to Linux, upgrading from Windows or macOS to Linux, or just thinking about moving to Linux, this book will provide you with practical, day-to-day advice on how you can use Ubuntu MATE and its applications. This book is a guide for new users and a reference for all users of Linux.

U.S. Camera Haynes Manual on Welding Step-By-Step Illustrated Procedures and Practical Projects Provides an overall introduction to the welding process, illustrating most of the common equipment and work techniques for both the home and shop welding.

802.11 Wireless Networks: The Definitive Guide The Definitive Guide "O'Reilly Media, Inc." As we all know by now, wireless networks offer many advantages over fixed (or wired) networks. Foremost on that list is mobility, since going wireless frees you from the tether of an Ethernet cable at a desk. But that's just the tip of the cable-free iceberg. Wireless networks are also more flexible, faster and easier for you to use, and more affordable to deploy and maintain. The de facto standard for wireless networking is the 802.11 protocol, which includes Wi-Fi (the wireless standard known as 802.11b) and its faster cousin, 802.11g. With easy-to-install 802.11 network hardware available everywhere you turn, the choice seems simple, and many people dive into wireless computing with less thought and planning than they'd give to a wired network. But it's wise to be familiar with both the capabilities and risks associated with the 802.11 protocols. And 802.11 Wireless Networks: The Definitive Guide, 2nd Edition is the perfect place to

start. This updated edition covers everything you'll ever need to know about wireless technology. Designed with the system administrator or serious home user in mind, it's a no-nonsense guide for setting up 802.11 on Windows and Linux. Among the wide range of topics covered are discussions on: deployment considerations network monitoring and performance tuning wireless security issues how to use and select access points network monitoring essentials wireless card configuration security issues unique to wireless networks With wireless technology, the advantages to its users are indeed plentiful. Companies no longer have to deal with the hassle and expense of wiring buildings, and households with several computers can avoid fights over who's online. And now, with 802.11 Wireless Networks: The Definitive Guide, 2nd Edition, you can integrate wireless technology into your current infrastructure with the utmost confidence.

The Combination Microwave Cook Recipes for Combination Microwaves and Microwaves with Built-in Grills Hachette UK This fully revised and updated edition of The Combination Microwave Cook has over 100 recipes - from simple snacks, vegetable, vegetarian, meat, fish and poultry dishes, to sweet and savoury bakes and pastries - all developed to make full use of these ultra modern appliances. Combine the well-known advantages of microwaves with the traditional crisp, golden finish which makes dishes so appetising. Imagine crisp, flaky pastry, golden-brown gratin and baked pasta dishes, main dishes, cakes and desserts, all cooked (and browned) in a fraction of the conventional cooking time.

Current Advances in Fern Research Springer Ferns, collectively, represent an ancient species of vascular plant which has a direct connection to the beginning of life on Earth. Today they are valued for their ornamental appeal, environmental benefit or as sources of health benefiting metabolites. Current pteridology, the study of fern, encompasses a wide range of research activities including, but not limited to, plant physiology, stress tolerance, genetics and genomics. The goal of this book is to compile the most relevant research done with ferns during the last decade. It is organized into four parts: I, Biology and Biotechnology; II, Evolution and Conservation; III, Metabolism and Genetic Resources, and IV, Environment. Each section reveals the utilization of ferns as a tool to explore challenges unique to plant development and adaptation. This project represents our collective effort to raise the awareness of ferns as a model system to study higher plant functions. Among the distinctive features of our proposed book are: (i) a wide range of topics with contributing researchers from all around the world, and (ii) recent advances of theoretic and applied knowledge with implications to crop species of economic value.

Applied Finite Element Analysis for Engineers Harcourt College Pub Emphasizing how one applies FEM to practical engineering problems, this text provides a thorough introduction to the methods of finite analysis and applies these methods to problems of stress analysis, thermal analysis, fluid flow analysis, and lubrication.

Amazon Web Services in Action Simon and Schuster Summary Amazon Web

**Services in Action, Second Edition** is a comprehensive introduction to computing, storing, and networking in the AWS cloud. You'll find clear, relevant coverage of all the essential AWS services you to know, emphasizing best practices for security, high availability and scalability. Foreword by Ben Whaley, AWS community hero and author. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology The largest and most mature of the cloud platforms, AWS offers over 100 prebuilt services, practically limitless compute resources, bottomless secure storage, as well as top-notch automation capabilities. This book shows you how to develop, host, and manage applications on AWS. About the Book **Amazon Web Services in Action, Second Edition** is a comprehensive introduction to deploying web applications in the AWS cloud. You'll find clear, relevant coverage of all essential AWS services, with a focus on automation, security, high availability, and scalability. This thoroughly revised edition covers the latest additions to AWS, including serverless infrastructure with AWS Lambda, sharing data with EFS, and in-memory storage with ElastiCache. What's inside Completely revised bestseller **Secure and scale distributed applications** Deploy applications on AWS Design for failure to achieve high availability Automate your infrastructure About the Reader Written for mid-level developers and DevOps engineers. About the Author **Andreas Wittig** and **Michael Wittig** are software engineers and DevOps consultants focused on AWS. Together, they migrated the first bank in Germany to AWS in 2013. Table of Contents **PART 1 - GETTING STARTED** What is Amazon Web Services? A simple example: WordPress in five minutes **PART 2 - BUILDING VIRTUAL INFRASTRUCTURE CONSISTING OF COMPUTERS AND NETWORKING** Using virtual machines: EC2 Programming your infrastructure: The command-line, SDKs, and CloudFormation Automating deployment: CloudFormation, Elastic Beanstalk, and OpsWorks Securing your system: IAM, security groups, and VPC Automating operational tasks with Lambda **PART 3 - STORING DATA IN THE CLOUD** Storing your objects: S3 and Glacier Storing data on hard drives: EBS and instance store Sharing data volumes between machines: EFS Using a relational database service: RDS Caching data in memory: Amazon ElastiCache Programming for the NoSQL database service: DynamoDB **PART 4 - ARCHITECTING ON AWS** Achieving high availability: availability zones, auto-scaling, and CloudWatch Decoupling your infrastructure: Elastic Load Balancing and Simple Queue Service Designing for fault tolerance Scaling up and down: auto-scaling and CloudWatch