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PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology. *Technical and Military Imperatives: A Radar History of World War II* is a coherent account of the history of radar in the second World War. Although many books have been written on the early days of radar and its role in the war, this book is by far the most comprehensive, covering ground, air, and sea operations in all theatres of World War II. The author manages to synthesize a vast amount of material in a highly readable, informative, and enjoyable way. Of special interest is extensive new material about the development and use of radar by Germany, Japan, Russia, and Great British. The story is told without undue technical complexity, so that the book is accessible to specialists and nonspecialists alike. Now in its 15th edition, this groundbreaking human communication text equips students with the communication skills they need to be successful communicators. *COMMUNICATE!* engages students in active learning through theory, application and tools for practicing and assessing specific communication skills in interpersonal, intercultural, group, and public speaking settings, and in face-to-face and virtual environments. Skill-building exercises, including speech-plan action step activities, guide students through the speech preparation process. *COMMUNICATE!* provides lively contemporary examples and sample student speeches that ground theory, increase comprehension, and help students become skillful communicators. The role of ethics in communication is integrated throughout the text, as is the role of technology and social media. The chapters on listening (Ch. 6) and presentational aids (Ch. 13) have been significantly revised. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. *Delusions of electronic persecution* have been a preeminent symptom of psychosis for over two hundred years. In *The Technical Delusion* Jeffrey Sconce traces the history and continuing proliferation of this phenomenon from its origins in Enlightenment anatomy to our era of global interconnectivity. While psychiatrists have typically dismissed such delusions of electronic control as arbitrary or as mere reflections of modern life, Sconce demonstrates a more complex and interdependent history of electronics, power, and insanity. Drawing on a wide array of psychological case studies, literature, court cases, and popular media, Sconce analyzes the material and social processes that have shaped historical delusions of electronic contamination, implantation, telepathy, surveillance, and immersion. From the age of telegraphy to contemporary digitality, the media emerged within such delusions to become the privileged site for imagining the merger of electronic and political power, serving as a paranoid conduit between the body and the body politic. Looking to the future, Sconce argues that this symptom will become increasingly difficult to isolate, especially as remote and often secretive powers work to further integrate bodies, electronics, and information. Why the United States has developed an economy divided between rich and poor and how racism helped bring this about. The United States is becoming a nation of rich and poor, with few families in the middle. In this book, MIT economist Peter Temin offers an illuminating way to look at the vanishing middle class. Temin argues that American history and politics, particularly slavery and its aftermath, play an important part in the widening gap between rich and poor. Temin employs a well-known, simple model of a dual economy to examine the dynamics of the rich/poor divide in America, and outlines ways to work toward greater equality so that America will no longer have one economy for the rich and one for the poor. Many poorer Americans live in conditions resembling those of a developing country—substandard education, dilapidated housing, and few stable employment opportunities. And although almost half of black Americans are poor, most poor people are not black. Conservative white politicians still appeal to the racism of poor white voters to get support for policies that harm low-income people as a whole, casting recipients of social programs as the Other—black, Latino, not like "us." Politicians also use mass incarceration as a tool to keep black and Latino Americans from participating fully in society. Money goes to a vast entrenched prison system rather than to education. In the dual justice system, the rich pay fines and the poor go to jail. Provides information about components, including

batteries, capacitors, diodes, and switches. Electronic Access Control introduces the fundamentals of electronic access control through clear, well-illustrated explanations. Access Control Systems are difficult to learn and even harder to master due to the different ways in which manufacturers approach the subject and the myriad complications associated with doors, door frames, hardware, and electrified locks. This book consolidates this information, covering a comprehensive yet easy-to-read list of subjects that every Access Control System Designer, Installer, Maintenance Tech or Project Manager needs to know in order to develop quality and profitable Alarm/Access Control System installations. Within these pages, Thomas L. Norman - a master at electronic security and risk management consulting and author of the industry reference manual for the design of Integrated Security Systems - describes the full range of EAC devices (credentials, readers, locks, sensors, wiring, and computers), showing how they work, and how they are installed. A comprehensive introduction to all aspects of electronic access control Provides information in short bursts with ample illustrations Each chapter begins with outline of chapter contents and ends with a quiz May be used for self-study, or as a professional reference guide The risks and benefits of today's communications technology, from bar codes to medical imaging. Features: - Complete archive of Dragon magazine, issues 1 through 250 - Authority on Advanced Dungeons & Dragons gaming - Completely searchable - Bookmarking function allows you to save information - Mac users can view articles in Adobe Acrobat As seen in Time, USA TODAY, The Atlantic, The Wall Street Journal, and on CBS This Morning, BBC, PBS, CNN, and NPR, iGen is crucial reading to understand how the children, teens, and young adults born in the mid-1990s and later are vastly different from their Millennial predecessors, and from any other generation. With generational divides wider than ever, parents, educators, and employers have an urgent need to understand today's rising generation of teens and young adults. Born in the mid-1990s up to the mid-2000s, iGen is the first generation to spend their entire adolescence in the age of the smartphone. With social media and texting replacing other activities, iGen spends less time with their friends in person—perhaps contributing to their unprecedented levels of anxiety, depression, and loneliness. But technology is not the only thing that makes iGen distinct from every generation before them; they are also different in how they spend their time, how they behave, and in their attitudes toward religion, sexuality, and politics. They socialize in completely new ways, reject once sacred social taboos, and want different things from their lives and careers. More than previous generations, they are obsessed with safety, focused on tolerance, and have no patience for inequality. With the first members of iGen just graduating from college, we all need to understand them: friends and family need to look out for them; businesses must figure out how to recruit them and sell to them; colleges and universities must know how to educate and guide them. And members of iGen also need to understand themselves as they communicate with their elders and explain their views to their older peers. Because where iGen goes, so goes our nation—and the world. The Social Media Handbook is a comprehensive risk and compliance management toolkit that walks employers step-by-step through the process of developing and implementing effective social media policy and compliance management programs that are designed to minimize—and in some cases prevent—social networking and web 2.0 risks and other electronic disasters. Throughout this important resource Nancy Flynn (an internationally recognized expert on workplace social media) offers a guide to best practices for creating safe, effective, and compliant electronic business communications. The book contains a thorough review of the risks inherent in employees' social media use and content and explores how organizations can help manage behavior, mitigate risks, and maximize compliance through the implementation of strategic social media compliance management programs. These programs combine written policies, supported by comprehensive employee education and are enforced by proven-effective technology tools. Once these policies and programs are in place employers can safely take advantage of the marketing and communications benefits offered by social media. Covering a wealth of material, the book includes vital information on topics such as social media and the law; managing records and e-discovery compliantly; regulatory compliance; privacy and security; blog risks and compliance rules; mobile devices drive social media risks; a seven-step plan for social media policy and compliance management; conducting a social media audit; creating social media policies; content rules and compliance; policy compliance and education; reputation management; and more. In addition to addressing pertinent topics on risk management, the book contains cautionary, real-life social networking disaster stories that show how organizations can lose revenue and reputations, reveals how employees can lose jobs, and explains how individuals can face public humiliation. The Social Media Handbook is a hands-on guide written for human resource professionals, information technology managers, legal professionals, compliance officers, records managers, and others who need to manage today's technology tools with up-to-date employment rules. In the more than seven years since the Object Management Group (OMG) adopted the Unified Modeling Language (UML), UML has established itself as the de facto industry standard for modeling software systems In 2001 OMG put together a task force to revise UML Version 1.0. In March of 2003, UML Version 2.0 was finalized and rolled out to the 35 major companies participating in the adoption effort and made available to the public. This book provides a step-by-step guide to the notation and use of UML, one of the most widely used, object-oriented notation systems/programming languages in existence. The outline demonstrates the use of the techniques and notation of UML through case studies in systems analysis, showing the student clearly how UML is used in all kinds of practical situations. This revised edition will discuss the new infrastructure of the latest UML Version 2.0, and will include new examples, review questions, and notations. This text on very-large-scale integrated circuit (VLSI) development explains the factors determining the switching speed of ultrafast bipolar, MOS and GaAs digital ICs. If you have the right tools, designing a microprocessor shouldnt be complicated. The Verilog hardware description language (HDL) is one such tool. It can enable you to depict, simulate, and synthesise an electronic design, and thus increase your productivity by reducing the overall workload associated with a given project. Monte Dalrymple Microprocessor Design Using Verilog HDL is a practical guide to processor design in the real world. It presents the Verilog HDL in an easily digestible fashion and

serves as a thorough introduction about reducing a computer architecture and instruction set to practice. You're led through the microprocessor design process from start to finish, and essential topics ranging from writing in Verilog to debugging and testing are laid bare. The book details the following, and more: Verilog HDL Review: data types, bit widths/labelling, operations, statements, and design hierarchy; Verilog Coding Style: files vs. modules, indentation, and design organisation; Design Work: instruction set architecture, external bus interface, and machine cycle; Microarchitecture: design spreadsheet and essential worksheets (eg: Operation, Instruction Code, and Next State); Writing in Verilog: choosing encoding, assigning states in a state machine, and files (eg: defines.v, hierarchy.v, machine.v); Debugging, Verification, and Testing: debugging requirements, verification requirements, testing requirements, and the test bench; Post Simulation: enhancements and reduction to practice. This book is aimed at people who want to understand how AC inverter drives work and how they are used in industry. This book is much more about the practical design and application of drives than about the mathematical principles behind them. The key principles of power electronics are described and presented in a simple way, as are the basics of both DC and AC motors. The detailed electronics of DC and AC drive are explained, together with the theoretical background and the practical design issues such as cooling and protection. An important part of the book gives details of the features and functions often found in AC drives, and gives practical advice on how and where to use these. A wide range of drive applications are described from fresh water pumping to baggage handling systems. The practical problems of using AC drives in industry are presented, and together with the application and function descriptions should prove useful and informative. Electronic Inventions and Discoveries: Electronics from Its Earliest Beginnings to the Present Day provides a summary of the development of the whole field of electronics. Organized into 13 chapters, the book covers and reviews the history of electronics as a whole and its aspects. The opening chapter covers the beginnings of electronics, while the next chapter discusses the development of components, transistors, and integrated circuits. The third chapter tackles the expansion of electronics and its effects on industry. The succeeding chapters discuss the history of the aspects of electronics, such as audio and sound reproduction, radio and telecommunications, radar, television, computers, robotics, information technology, and industrial and other applications. Chapter 10 provides a list of electronic inventions according to subject, while Chapter 11 provides a concise description of each invention by date order. Chapter 12 enumerates the inventors of electronic devices. The last chapter provides a list of books about inventions and inventors. This book will appeal to readers who are curious about the development of electronics throughout history. This elegant volume celebrates the 75th anniversary of *Trains Magazine*, the premier publication in its field. "Following his blockbuster biography of Steve Jobs, *The Innovators* is Walter Isaacson's revealing story of the people who created the computer and the Internet. It is destined to be the standard history of the digital revolution and an indispensable guide to how innovation really happens. What were the talents that allowed certain inventors and entrepreneurs to turn their visionary ideas into disruptive realities? What led to their creative leaps? Why did some succeed and others fail? In his masterly saga, Isaacson begins with Ada Lovelace, Lord Byron's daughter, who pioneered computer programming in the 1840s. He explores the fascinating personalities that created our current digital revolution, such as Vannevar Bush, Alan Turing, John von Neumann, J.C.R. Licklider, Doug Engelbart, Robert Noyce, Bill Gates, Steve Wozniak, Steve Jobs, Tim Berners-Lee, and Larry Page. This is the story of how their minds worked and what made them so inventive. It's also a narrative of how their ability to collaborate and master the art of teamwork made them even more creative. For an era that seeks to foster innovation, creativity, and teamwork, *The Innovators* shows how they happen"-- The PC has longtime outgrown its function as a pure computer and has become an all-purpose machine. This book is targeted towards those people that want to control existing or self-built hardware from their computer. Using Visual Basic as Rapid Application Development tool we will take you on a journey to unlock the world beyond the connectors of the PC. After familiarizing yourself with Visual Basic, its development environment and the toolset it offers, items such as serial communications, printer ports, bitbanging, protocol emulation, ISA, USB and Ethernet interfacing and the remote control of test-equipment over the GPIB bus are covered in extent. Each topic is accompanied by clear, ready to run code, and where necessary, schematics are provided that will get your project up to speed in no time. This book will show you advanced things like: using tools like Debug to find hardware addresses, setting up remote communication using TCP/IP and UDP sockets and even writing your own internet servers. Or how about connecting your own block of hardware over USB or Ethernet and controlling it from Visual Basic. Other things like inter-program communication, DDE and the new graphics interface of Windows XP are covered as well. All examples are ready to compile using Visual Basic 5.0, 6.0, NET or 2005. Extensive coverage is given on the differences between what could be called Visual Basic Classic and Visual Basic NET / 2005. Most startups fail. But many of those failures are preventable. The Lean Startup is a new approach being adopted across the globe, changing the way companies are built and new products are launched. Eric Ries defines a startup as an organization dedicated to creating something new under conditions of extreme uncertainty. This is just as true for one person in a garage or a group of seasoned professionals in a Fortune 500 boardroom. What they have in common is a mission to penetrate that fog of uncertainty to discover a successful path to a sustainable business. The Lean Startup approach fosters companies that are both more capital efficient and that leverage human creativity more effectively. Inspired by lessons from lean manufacturing, it relies on "validated learning," rapid scientific experimentation, as well as a number of counter-intuitive practices that shorten product development cycles, measure actual progress without resorting to vanity metrics, and learn what customers really want. It enables a company to shift directions with agility, altering plans inch by inch, minute by minute. Rather than wasting time creating elaborate business plans, The Lean Startup offers entrepreneurs—in companies of all sizes—a way to test their vision continuously, to adapt and adjust before it's too late. Ries provides a scientific approach to creating and managing successful startups in an age when companies need to innovate more than ever. Passive components; Passive circuits;

Active components; Audio frequency signals and reproduction; Passive signal processing and signal transmission, Active signal processing in the frequency domain; Active signal processing in the time domain; Radio frequency circuits; Signal sources; Power supplies; Tricks of the trade; Appendices; Index. Want to know how to use an electronic component? This second book of a three-volume set includes key information on electronics parts for your projects--complete with photographs, schematics, and diagrams. You'll learn what each one does, how it works, why it's useful, and what variants exist. No matter how much you know about electronics, you'll find fascinating details you've never come across before. Perfect for teachers, hobbyists, engineers, and students of all ages, this reference puts reliable, fact-checked information right at your fingertips--whether you're refreshing your memory or exploring a component for the first time. Beginners will quickly grasp important concepts, and more experienced users will find the specific details their projects require. Volume 2 covers signal processing, including LEDs, LCDs, audio, thyristors, digital logic, and amplification. Unique: the first and only encyclopedia set on electronic components, distilled into three separate volumes Incredibly detailed: includes information distilled from hundreds of sources Easy to browse: parts are clearly organized by component type Authoritative: fact-checked by expert advisors to ensure that the information is both current and accurate Reliable: a more consistent source of information than online sources, product datasheets, and manufacturer's tutorials Instructive: each component description provides details about substitutions, common problems, and workarounds Comprehensive: Volume 1 covers power, electromagnetism, and discrete semiconductors; Volume 2 includes LEDs, LCDs, audio, thyristors, digital logic, and amplification; Volume 3 covers a range of sensing devices. For almost a decade, the zine, Noise Receptor Journal, has been documenting the international post-industrial music underground. Each issue has featured reviews and exclusive interviews on dark ambient, death industrial, heavy electronics, power electronics, and other largely ignored forms of music. Noise Receptor Journal remains a labour of love in the true spirit of the underground. Self-published (out of Melbourne, Australia) it documents a cultural landscape from a unique vantage point, being at once an established and respected voice on that landscape. This book is the first in a series that compiles the long out-of-print, much sought-after early issues, and contains in their entirety Noise Receptor Journal numbers 1, 2 and 3, as well as new material. Featured artists include: Alfarmania / Aischrolatreia / Aural Hypnox / Blitzkreig Baby / Fieldwork / Genocide Organ / Grunt / Halo Manash / Puce Mary / Survival Unit / Trepaneringsritualen / Wertham Volume 3 is SHOCK AND AWE!!!! For FREE videos about this book series see Bruce Hines' author page amazon.com/author/brucehines This book is so rich in information and futuristic through scripture and spiritual encounters that nothing on the bookshelves gives this much detail and revelation concerning the 2nd Heaven and demonic realms. It is so revolutionary that 10 or 20 years from now it will be taught in most deliverance circles, intercessory prayer groups and used by Pastors to evangelize for the end-time harvest. It will give Prophets the knowledge and discernment to see into the four 2nd heaven dimensions & demonic spheres. Volume 3 ties together the revelations and spiritual encounters of Vol 1 and 2. Secrets of the kingdom of darkness that have been revealed in the first 2 volumes are expounded on and explained in greater detail in this final volume. Paul tells us that we struggle with the fallen angels in a continual battle for the leadership of the world. Paul also tells us that we are engaged in a contest or a competition to attain spiritual authority and power with in regions. In this Volume you will discover: The fallen angels who sired the Nephilim and the Nephilim who fathered the Naphal and the Naphal who fathered the Eljo. Biblical instructions on removing fallen angels over territories are expounded on in greater detail. Step by step procedures on how to do a demonic deliverance are fully explained with a prayer model. The paradigm of demonic deliverance is illuminated. Why some demons are more powerful than others, listing in great detail why there are certain levels of demonic powers and dimensions. Volume 3 explains in greater depth, fallen angelic structure. Mysteries of dissociated identity and other secrets not talked about. In ministering inner healing, Pastor Bruce, lists a multitude of alter personalities that have been discovered in over 20 years of ministry. This 3 part book series has the potential to empower the body of Christ in such a way that what the American military did to Iraq in desert storm, the church can do to the kingdom of darkness through Christ Jesus. This introduction to circuit design is unusual in several respects. First, it offers not just explanations, but a full course. Each of the twenty-five sessions begins with a discussion of a particular sort of circuit followed by the chance to try it out and see how it actually behaves. Accordingly, students understand the circuit's operation in a way that is deeper and much more satisfying than the manipulation of formulas. Second, it describes circuits that more traditional engineering introductions would postpone: on the third day, we build a radio receiver; on the fifth day, we build an operational amplifier from an array of transistors. The digital half of the course centers on applying microcontrollers, but gives exposure to Verilog, a powerful Hardware Description Language. Third, it proceeds at a rapid pace but requires no prior knowledge of electronics. Students gain intuitive understanding through immersion in good circuit design. Everyone knows the story of the codebreaker and computer science pioneer Alan Turing. Except When Dermot Turing is asked about his famous uncle, people want to know more than the bullet points of his life. They want to know everything was Alan Turing actually a codebreaker? What did he make of artificial intelligence? What is the significance of Alan Turings trial, his suicide, the Royal Pardon, the £50 note and the film The Imitation Game? In Reflections of Alan Turing, Dermot strips off the layers to uncover the real story. Its time to discover a fresh legacy of Alan Turing for the twenty-first century. 4LTR Press solutions give students the option to choose the format that best suits their learning preferences. This option is perfect for those students who focus on the textbook as their main course resource. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. This work skeptically explores the notion that the internet will soon obviate any need for traditional print-based academic libraries. It makes a case for the library's staying power in the face of technological advancements (television, microfilm, and CD-ROM's were all once predicted as the contemporary library's heir-apparent), and devotes individual chapters to the pitfalls and prevarications of popular search

engines, e-books, and the mass digitization of traditional print material. An enlightening examination of the relationship between poetry and the information technologies increasingly used to read and write it. Many poets and their readers believe poetry helps us escape straightforward, logical ways of thinking. But what happens when poems confront the extraordinarily rational information technologies that are everywhere in the academy, not to mention everyday life? Examining a broad array of electronics—including the radio, telephone, tape recorder, Cold War–era computers, and modern-day web browsers—Seth Perlow considers how these technologies transform poems that we don’t normally consider “digital.” From fetishistic attachments to digital images of Emily Dickinson’s manuscripts to Jackson Mac Low’s appropriation of a huge book of random numbers originally used to design thermonuclear weapons, these investigations take Perlow through a revealingly eclectic array of work, offering both exciting new voices and reevaluations of poets we thought we knew. With close readings of Gertrude Stein, Frank O’Hara, Amiri Baraka, and many others, *The Poem Electric* constructs a distinctive lineage of experimental writers, from the 1860s to today. Ultimately, Perlow mounts an important investigation into how electronic media allows us to distinguish poetic thought from rationalism. Posing a necessary challenge to the privilege of information in the digital humanities, *The Poem Electric* develops new ways of reading poetry, alongside and against the electronic equipment that is now ubiquitous in our world.

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