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Updated to incorporate the latest features, tools, and functions of the new version of the popular word processing software, a detailed manual explains all the basics, as well as how to create sophisticated page layouts, insert forms and tables, use graphics, and create book-length documents with outlines and Master Documents. Original. (All Users) How does science work? Does it tell us what the world is “really” like? What makes it different from other ways of understanding the universe? In Theory and Reality, Peter Godfrey-Smith addresses these questions by taking the reader on a grand tour of more than a hundred years of debate about science. The result is a completely accessible introduction to the main themes of the philosophy of science. Examples and asides engage the beginning student, a glossary of terms explains key concepts, and suggestions for further reading are included at the end of each chapter. Like no other

text in this field, *Theory and Reality* combines a survey of recent history of the philosophy of science with current key debates that any beginning scholar or critical reader can follow. The second edition is thoroughly updated and expanded by the author with a new chapter on truth, simplicity, and models in science. New and classical results in computational complexity, including interactive proofs, PCP, derandomization, and quantum computation. Ideal for graduate students. A legendary mountain biking champion offers practical instructions, accompanied by entertaining anecdotes and reminiscences, on the essential techniques, skills, and tactics of mountain biking, offering tips on safety, developing a training program, equipment, and more. Original. 20,000 first printing. A mysterious set of poisonings has this woman travel to Florida, where Fate hands her the Shifter she's needed her whole life. Jordan was someone confident in their calling: her place in this world was to help people. Her emergency medicine internship was coming along when their small hospital was hit with a rash of silver-arsenic poisonings. All the victims were Shifters, despite the poison being lethal to humans as well. She was familiar enough with the Shifter community to know that their reclusiveness and distrust of humans meant they needed all the help they could get. When similar symptoms appear in Florida, she hops on a plane to begin an adventure that would change her life forever! Every Monday in

2019 I'll be releasing a brand new novella for you to gobble up! Collect all the Shifter Babies of America series and enjoy a nice little one-sitting story! Keywords: wolf shifter, bad boy, bbw, fated mates, paranormal romance with sex, pnr, curvy, gothic romance, new adult romance, clan, pack, series, fantasy, steamy romance, paranormal romance books for adults, reformed rake, contemporary romance, hot romance, hot shifter romance, shifter romance series, instalove, shifter conflicts, new adult, urban fantasy, alpha male, werebear, shapeshifter, wounded hero, romantic suspense, womens fiction, action adventure, military love, outlaw, rebel, thrilling, great chemistry, enemies to friends

In 2074, while attending the Hanover School for Expecting Teen Mothers aboard an Earth-orbiting spaceship, 16-year-old Elvie finds herself in the middle of an alien race war and makes a startling discovery about her pregnancy. This book brings together the papers presented at the Smart and Sustainable Built Environments Conference, 2018 (SASBE). This latest research falls into two tracks: smart and sustainable design and planning cities; and the technicalities of smart and sustainable buildings. The growth of smart cities is evident, but not always linked to sustainability. This book gives an overview of the latest academic developments in increasing the smartness and sustainability of our cities and buildings. Aspects such as inclusivity, smart cities, place and space, the resilient city, urbanity and urban ecology

are prominently featured in the design and planning part of the book; while energy, educational buildings, comfort, building design, construction and performance form the sub-themes of the technical part of the book. This book will appeal to urban designers, architects, urban planners, smart city designers and sustainable building experts. Learn how to improve instruction by

- * Collecting the right data--the right way.
- * Incorporating relevant data into everyone's daily life.
- * Resisting the impulse to set brand-new goals every year.
- * Never settling for "good enough."
- * Anticipating changes--big and small, local and federal.
- * Collaborating and avoiding privatized practice.
- * Involving all stakeholders in identifying problems, setting goals, and analyzing data.
- * Agreeing on what constitutes high-quality instruction and feedback.

The challenge is to understand that data--not intuition or anecdotal reports--are tools to be used in getting better at teaching students. And teaching students effectively is what schools are all about. Following the guidance in this book, overcome uncertainty and concerns about data as you learn to collect and analyze both soft and hard data and use their secrets for instructional improvement in your school. New Scientist magazine was launched in 1956 "for all those men and women who are interested in scientific discovery, and in its industrial, commercial and social consequences". The brand's mission is no different today - for its consumers, New Scientist reports, explores and

interprets the results of human endeavour set in the context of society and culture. Indianapolis Monthly is the Circle City's essential chronicle and guide, an indispensable authority on what's new and what's news. Through coverage of politics, crime, dining, style, business, sports, and arts and entertainment, each issue offers compelling narrative stories and lively, urbane coverage of Indy's cultural landscape.

Refining the most widely adopted and enduring physics text available, University Physics with Modern Physics, Twelfth Edition continues an unmatched history of innovation and careful execution that was established by the best selling Eleventh Edition. Assimilating the best ideas from education research, this new edition provides enhanced problem-solving instruction, pioneering visual and conceptual pedagogy, the first systematically enhanced problems, and the most pedagogically proven and widely used homework and tutorial system available. Mechanics, Waves/Acoustics, Thermodynamics, Electromagnetism, Optics, Modern Physics. For all readers interested in university physics.

A Practical Guide to the Business and Technology of Fixed Mobile Convergence Written by telecommunications experts, Fixed Mobile Convergence explains how to consolidate fixed, mobile, wireless, and wireline networks into a seamless environment enabling a uniform converged communication experience. You will learn how to create FMC-based networks, services, and solutions;

support advanced technologies such as Voice over Wi-Fi; and converge them with legacy networks. You'll also discover how to develop a phased strategy for effective rollout of FMC multi-mode devices and services, with reliable security and quality of service. The book includes details on integrating next-generation technologies such as near field communication, Bluetooth PAN, WiMax, presence, and unified messaging to create a seamless mobility ecosystem. Seamlessly converge fixed, mobile, wireless, and wireline networks Understand the "Four Cs" of FMC-cost, coverage, capacity, and convenience Understand the technology behind FMC components: fixed, mobile, and convergence Overcome converged network deployment and proliferation barriers Conform to IETF, 3GPP, and other relevant standards for FMC Offer uniform access-independent voice, data, instant communications, and unified messaging services across legacy fixed and mobile networks Design and launch scalable FMC solutions using IMS, UMA/GAN, femtocells, VoWi-Fi, VCC, and other enablers Add LBS, presence, M-to-M, and other advanced services Learn the new Blender 2.8 user interface and make 3D models Key Features Find your way round the new user interface and tools of Blender 2.8 Create materials, apply textures and render scenes Use the new cutting-edge real-time render EEVEE in your projects Book Description Blender is open source 3D creation software. With a long history and an enthusiastic

community of users, it is the ideal choice for almost any kind of work with 3D modeling or animation. However, for new users, its power and flexibility can sometimes be daunting, and that's when you need this book! The book starts by showing you round the all-new Blender 2.8 user interface. You'll look at the most commonly-used options and tools, such as navigating in 3D and selecting objects. You will then use and manipulate one of the most important windows of the interface, the 3D View. You'll learn how to use essential tools for working with 3D modeling. To give your models the feel of real-world objects, you'll learn how to create materials and set up surfaces. You'll see how to use Physically-Based Rendering (PBR), which allows you to craft realistic surfaces such as wood, stone, and metal. You will also work with Eevee, a new real-time render engine in Blender. You will see how to add motion to objects, making use of Blender's impressive 3D animation features. Finally, you'll learn how to create scenes and organize them for rendering, and later add titles and effects using built-in Blender tools. By the end of the book, you will be able to use Blender 2.8 new UI, Create 3D Models with textures, Animations, and Render them in real-time using Eevee. What you will learn Manipulate and visualize your 3D objects in Blender Use polygon modeling tools such as extrude, loop cut, and more Apply precision modeling tools like snapping and the 3D Cursor Render a scene using the

real-time engine Eevee Create materials for Eevee and Cycles Render a scene with the Eevee real-time engine Use PBR textures to craft realistic surfaces such as wood with the Shader Editor Add motion and animation using keyframes Create animation loops using curves and modifiers Who this book is for This book is for anyone interested in taking their steps with Blender. If you're an experienced 3D artists or hobbyist, this book will help you with its features. Interested in the Genetic Algorithm? Simulated Annealing? Ant Colony Optimization? Essentials of Metaheuristics covers these and other metaheuristics algorithms, and is intended for undergraduate students, programmers, and non-experts. The book covers a wide range of algorithms, representations, selection and modification operators, and related topics, and includes 71 figures and 135 algorithms great and small. Algorithms include: Gradient Ascent techniques, Hill-Climbing variants, Simulated Annealing, Tabu Search variants, Iterated Local Search, Evolution Strategies, the Genetic Algorithm, the Steady-State Genetic Algorithm, Differential Evolution, Particle Swarm Optimization, Genetic Programming variants, One- and Two-Population Competitive Coevolution, N-Population Cooperative Coevolution, Implicit Fitness Sharing, Deterministic Crowding, NSGA-II, SPEA2, GRASP, Ant Colony Optimization variants, Guided Local Search, LEM, PBIL, UMDA, cGA, BOA, SAMUEL, ZCS, XCS, and XCSF.

The only comprehensive reference-tutorial on 3ds Max available, this book is everyone's favorite. Whether you're a beginner looking for 3D basics or a full-fledged animator seeking new ways to dazzle viewers with your creations, it's all here. You'll find pages of professional tips, loads of advice, and more than 150 step-by-step tutorials guaranteed to build your skills and spark your creativity. A 16-page color insert highlights cutting-edge work from 3D artists. A valuable companion DVD provides all the examples and content from the book, including unique models and textures you can customize on your own, and a searchable, full-color version of the book. 3ds Max 2009 Bible covers both 3ds Max 2009 and 3ds Max 2009 Design and covers: Navigating the viewports with the ViewCube, SteeringWheels, and other ways. Creating realistic materials with new ProMaterials. Using Spline Mapping to improve texture mapping over irregular shaped objects. Blending multiple texture maps together with the new Composite Map. Creating architectural walkthroughs with the Walkthrough Assistant. Don't miss out on the newest version of this bestselling resource! Before the Internet became widely known as a global tool for terrorists, one perceptive U.S. citizen recognized its ominous potential. Armed with clear evidence of computer espionage, he began a highly personal quest to expose a hidden network of spies that threatened national security. But would the authorities back him up? Cliff

Stoll's dramatic firsthand account is "a computer-age detective story, instantly fascinating [and] astonishingly gripping" (Smithsonian). Cliff Stoll was an astronomer turned systems manager at Lawrence Berkeley Lab when a 75-cent accounting error alerted him to the presence of an unauthorized user on his system. The hacker's code name was "Hunter"—a mysterious invader who managed to break into U.S. computer systems and steal sensitive military and security information. Stoll began a one-man hunt of his own: spying on the spy. It was a dangerous game of deception, broken codes, satellites, and missile bases—a one-man sting operation that finally gained the attention of the CIA . . . and ultimately trapped an international spy ring fueled by cash, cocaine, and the KGB. See also accompanying CD-ROM. The national bestseller and basis for the Ang Lee film is a “powerful” novel of two troubled families during a blizzard in 1970s suburban Connecticut (Newsday). A potentially devastating blizzard approaches New Canaan, Connecticut, while internal forces of desire, frustration, and ennui threaten to tear apart two quintessentially affluent, suburban families. Elena Hood rightfully suspects her husband, Benjamin, is having an affair with neighbor Janey Williams, while Benjamin resents Elena and his mounting feelings of ineptitude. As the snow begins to fall, Benjamin and Elena, as well as Janey and her husband, attend a neighborhood “key party,” where they and other respectable suburbanites

agree to go home with whomever's keys they draw from a bowl. Meanwhile, the Hoods' and Williams's teenage children are caught up in their own experimentations with sex and drugs as they test the boundaries of their structured upbringing. With author Rick Moody's sharp eye for the nuances of suburban life and allusions to 1970s America from Watergate to the Fantastic Four, the novel's landscape is vivid and immersive. This timeless, unforgettable novel is a compassionate portrayal of flawed characters and reflects Rick Moody's sharp eye for the contradictions of suburban life. This ebook features an illustrated biography of Rick Moody including rare images from the author's personal collection. Old-style co-op advertising is the "great cash giveaway," a multibillion-dollar problem. Co-marketing, a far more effective technique, links manufacturer and retailer in channeling branding messages to the end user. (The "Intel Inside" campaign is an example.)

The most comprehensive guide to Microsoft Word 2016 If you're a professional who uses Word, but aren't aware of its many features or get confused about how they work best, Word 2016 For Professionals For Dummies answers all your burning questions about the world's number-one word processing software. Offering in-depth coverage of topics you won't find in Word 2016 For Dummies, this guide focuses on the professional's needs, giving you all you need to know not only do your job well, but to do it even better. As Microsoft continues to

hone Word with each new release, new features are added beyond basic word processing. From using Word to create blog posts to importing data from Excel to expertly flowing text around objects, it covers the gamut of Word's more advanced capabilities—including those you probably don't know exist. Whether you're looking to use Word to build a master document, collaborate and share, publish an ebook, or anything in between, the thorough, step-by-step guidance in *Word 2016 For Professionals For Dummies* makes it easier. Discover neat Word editing tips and tricks to create complex documents Share documents and collaborate with others Format text, paragraphs, and pages like never before Add Excel charts and graphics to Word documents Create an ebook Essential reading for the Word power user who wants to be more productive and efficient at work, this handy guide gives you the boost to take your skills to the next level. A classic reference book on user interface design and graphic design for web sites, updated to reflect a rapidly changing market Consistently praised as the best volume on classic elements of web site design, *Web Style Guide* has sold many thousands of copies and has been published around the world. This new revised edition confirms *Web Style Guide* as the go-to authority in a rapidly changing market. As web designers move from building sites from scratch to using content management and aggregation tools, the book's focus shifts away from code samples

and toward best practices, especially those involving mobile experience, social media, and accessibility. An ideal reference for web site designers in corporations, government, nonprofit organizations, and academic institutions, the book explains established design principles and covers all aspects of web design--from planning to production to maintenance. The guide also shows how these principles apply in web design projects whose primary concerns are information design, interface design, and efficient search and navigation. Provides link to sites where book in zip file can be downloaded. The lifeblood of any business enterprise is its people. Yet it wasn't until the publication of the groundbreaking book *The ROI of Human Capital* that there was a reliable way to quantify the contributions of people to corporate profit. Completely updated with new metrics, the book shows executives and HR professionals how to gauge human costs and productivity at three critical levels: organizational (contributions to corporate goals) • functional (impact on process improvement) • human resources management (value added by five basic HR department activities)

The second edition contains new material on topics including corporate outsourcing, developments in behavioral science, and advances in trending and forecasting that have dramatically changed the way organizations measure the bottom line effect of employee performance. Utterly up-to-date, this is the go-to resource for organizations

performing the essential task of measuring the value of their people. A working textbook meant to be used with a college course in Advanced Office 2007. Filled with Tips and Techniques, it is great as a standalone reference. Building Electro-Optical Systems In the newly revised third edition of Building Electro-Optical Systems: Making It All Work, renowned Dr. Philip C. D. Hobbs delivers a birds-eye view of all the topics you'll need to understand for successful optical instrument design and construction. The author draws on his own work as an applied physicist and consultant with over a decade of experience in designing and constructing electro-optical systems from beginning to end. The book's topics are chosen to allow readers in a variety of disciplines and fields to quickly and confidently decide whether a given device or technique is appropriate for their needs. Using accessible prose and intuitive organization, Building Electro-Optical Systems remains one of the most practical and solution-oriented resources available to graduate students and professionals. The newest edition includes comprehensive revisions that reflect progress in the field of electro-optical instrument design and construction since the second edition was published. It also offers approximately 350 illustrations for visually oriented learners. Readers will also enjoy: A thorough introduction to basic optical calculations, including wave propagation, detection, coherent detection, and interferometers

Practical discussions of sources and illuminators, including radiometry, continuum sources, incoherent line sources, lasers, laser noise, and diode laser coherence control Explorations of optical detection, including photodetection in semiconductors and signal-to-noise ratios Full treatments of lenses, prisms, and mirrors, as well as coatings, filters, and surface finishes, and polarization Perfect for graduate students in physics, electrical engineering, optics, and optical engineering, Building Electro-Optical Systems is also an ideal resource for professional designers working in optics, electro-optics, analog electronics, and photonics. After Effects CS5.5 Update:

[/tv.adobe.com/show/after-effects-cs55-new-creative-techniques/](http://tv.adobe.com/show/after-effects-cs55-new-creative-techniques/) Chris and Trish Meyer have created a series of videos demonstrating how to use their favorite new and enhanced features in After Effects CS5.5. Virtually all of these videos use exercise files from Creating Motion Graphics with After Effects (5th Edition for CS5) as their starting point, extending the usefulness of this book for its owners. These videos may be viewed for free on AdobeTV. * 5th Edition of best-selling After Effects book by renowned authors Trish and Chris Meyer covers the important updates in After Effects CS4 and CS5 * Covers both essential and advanced techniques, from basic layer manipulation and animation through keying, motion tracking, and color management * The downloadable resources are packed with project files for version CS5, source

materials, and nearly 200 pages of bonus chapters Trish and Chris Meyer share over 17 years of hard-earned, real-world film and video production experience inside this critically acclaimed text. More than a step-by-step review of the features in AE, readers will learn how the program thinks so that they can realize their own visions more quickly and efficiently. This full-color book is packed with tips, gotchas, and sage advice that will help users thrive no matter what projects they might encounter.

Creating Motion Graphics 5th Edition has been thoroughly revised to reflect the new features introduced in both After Effects CS4 and CS5. New chapters cover the revolutionary new Roto Brush feature, as well as mocha and mocha shape. The 3D section has been expanded to include working with 3D effects such as Digieffects FreeForm plus workflows including Adobe Repoussé, Vanishing Point Exchange, and 3D model import using Adobe Photoshop Extended. The print version is also accompanied by downloadable resources that contain project files and source materials for all the techniques demonstrated in the book, as well as nearly 200 pages of bonus chapters on subjects such as expressions, scripting, and effects. Subjects include: Animation Techniques; Layer Management; Modes, Masks, and Mattes; Mastering 3D Space; Text Animation; Effects & Presets; Painting and Rotoscoping; Parenting, Nesting, and Collapsing; Color Management and Video Essentials; Motion Tracking

and Keying; Working with Audio; Integrating with 3D Applications; Puppet Tools; Expressions; Exporting and Rendering; and much more. The Simplicity Shift is about shifting a company's culture to value, discover and implement Simplicity, creating designed products. More than just a step-by-step tutorial on rigging in Maya, "Inspired 3D Advanced Rigging and Deformations" helps you develop the skills you need to successfully manage your rigging process from start to finish. You'll learn the reasons behind each step in developing a character rig and learn how that rig fits into the entire pipeline process. The authors provide a unique glimpse at the real-world problems and choices that professional Character Technical Directors face, as well as the solutions they have developed for dealing with high-end digital characters. A follow-up to "Inspired 3D Character Setup," this book takes this difficult and sough-after skill and provides in-depth explanations and techiques. This books storyline is that of reptilians from the Andromeda Galaxy. The first earth ship to meet the reptilians was not a human ship but an advanced ship of the ancient and advanced race of the Vlar. The Vlar were a very high technology ancient race who expected to have no fear of the Snakes. However, the race of reptilians that were rapidly conquering all civilizations with which they came into contact were now a threat to all races, whatever their level of technology. A century ago, the Vlar never expected to be worried about the Snakes,

as all civilizations called them. Their conquests had become so rapid and so had their takeover of advanced civilizations and their technology that they were now a threat to every being in the galaxy. The Vlar gave the earth humans some of their high-tech ships as a kind of last effort since they held the earth humans in such low regard. The Vlar thought of the earth humans as warlike, backward, and vicious animals who killed their own kind. However, there were very few options left open to the Vlar, so they gave the earth humans a few of their ships. The Snakes had millions of high-tech ships that carried thousands of Snake soldiers at several times the speed of light. The Vlar gave the earth humans a few dozen Vlar ships. The Snakes were over seven feet tall and weighed over five hundred pounds. They were equipped with fangs and claws like the Tyrannosaurus rex of old earth history. They liked to fight with hands or blade weapons to see the blood flow. They were cannibals in addition to being carnivores. They considered it honorable to eat your defeated foe, and they were not above eating their own children. The Snakes used massed ships in the millions to just roll over all the people they intended to conquer. It was expected of any failed Snake expeditions to commit suicide. The Snakes occupied over 1,400 planets and were continuing to conquer more as time went by. Apparently, none could stand before the Snakes. Could the small blue planet called earth have a chance to survive? Learn professional secrets

of digital compositing with this detailed guide After filming is done, digital compositors move in to manipulate color, retouch, and perform other behind-the-scenes tricks that are necessary to improve or finalize movies, games, and commercials. Now you can learn their secrets with this one-of-a-kind guide to digital compositing.

Professional animator and author Lee Lanier not only draws upon his own experience, he has also combed some of Hollywood's most active post-production houses in search of the best solutions. Learn valuable techniques, tricks, and more. Covers techniques for digital compositing including transformations, plate preparation, rotoscoping, advanced render passes, particle integration, 2.5D painting, HDRI, stereoscopy and more Shows you digital compositing techniques that can be applied to a variety of software tools, including After Effects and Nuke Includes a DVD with scenes, sample bitmaps, image sequences, and more Start your animation career right with the solid instruction in postproduction you'll find in this practical guide. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file. Werewolves and the suburbs are a natural go-together. Okay, so they're not the Obligatory/Iconic Suburban Golden Retriever or Chocolate Labrador, but they've got a much better chance of taking home the Best in Show ribbon than their Undead rivals, the vampires. In some suburban households, if it brings home a trophy, who cares if it also brings

home bloody chunks of the neighbors every time the full moon shines? And let's not forget one more advantage to the suburban werewolf: If his lupine side does something nasty on your lawn, his human side can come by later with the Pooper Scooper. In your face, Dracula! Therefore, welcome to the fur-sprouting, mall-browsing, moon-howling, latt_-sipping world of Strip Mauled. You'll like what you find. Sit. Stay. Good reader.

Stories of suburban lycanthropy by Sarah A. Hoyt, Dave Freer, K. D. Wentworth, and more³/₄including Esther Friesner herself. At the publisher's request, this title is sold without DRM (Digital Rights Management). Whether it's the pull or the push, the universe will put you where you need to be... Esmeralda can still remember that night over a year ago, when she fell asleep in his arms and knew that she had finally found home. Of course, it didn't work out that way, and shortly after she was alone again. She'd only been with him for a few months, but it was long enough for her to get pregnant. When her baby Sofia started showing signs that she was something more than the average baby, Es knows what she has to do. Matt wasn't a proud man. He did important work, tracking down threats to Shifters like himself and eradicating them. For the past year he's been pursuing the source of a poison designed to wipe out Shifters. His work meant he couldn't settle down, despite the temptation. But when the trail brings him back to familiar territory, the appearance of someone from his past

reignites questions within him... Collect all the Shifter Babies of America series and enjoy a nice little one-sitting story! The New York Times bestselling master of military historical fiction tells the story of Pearl Harbor as only he can in the first novel of a gripping new series set in World War II's Pacific theater. In 1941, President Franklin D. Roosevelt watches uneasily as the world heads rapidly down a dangerous path. The Japanese have waged an aggressive campaign against China, and they now begin to expand their ambitions to other parts of Asia. As their expansion efforts grow bolder, their enemies know that Japan's ultimate goal is total conquest over the region, especially when the Japanese align themselves with Hitler's Germany and Mussolini's Italy, who wage their own war of conquest across Europe. Meanwhile, the British stand nearly alone against Hitler, and there is pressure in Washington to transfer America's powerful fleet of warships from Hawaii to the Atlantic to join the fight against German U-boats that are devastating shipping. But despite deep concerns about weakening the Pacific fleet, no one believes that the main base at Pearl Harbor is under any real threat. Told through the eyes of widely diverse characters, this story looks at all sides of the drama and puts the reader squarely in the middle. In Washington, Secretary of State Cordell Hull must balance his own concerns between President Roosevelt and the Japanese ambassador, Kichisaburo Nomura, who is little more than a puppet of his own

government. In Japan, Admiral Isoroku Yamamoto wins skeptical approval for his outrageous plans in the Pacific, yet he understands more than anyone that an attack on Pearl Harbor will start a war that Japan cannot win. In Hawaii, Commander Joseph Rochefort's job as an accomplished intelligence officer is to decode radio signals and detect the location of the Japanese fleet, but when the airwaves suddenly go silent, no one has any idea why. And from a small Depression-ravaged town, nineteen-year-old Tommy Biggs sees the Navy as his chance to escape and happily accepts his assignment, every sailor's dream: the battleship USS Arizona. With you-are-there immediacy, Shaara opens up the mysteries of just how Japan—a small, deeply militarist nation—could launch one of history's most devastating surprise attacks. In this story of innocence, heroism, sacrifice, and unfathomable blindness, Shaara's gift for storytelling uses these familiar wartime themes to shine a light on the personal, the painful, the tragic, and the thrilling—and on a crucial part of history we must never forget. How to rethink innovation and revitalize America's declining manufacturing sector by encouraging advanced manufacturing, bringing innovative technologies into the production process. The United States lost almost one-third of its manufacturing jobs between 2000 and 2010. As higher-paying manufacturing jobs are replaced by lower-paying service jobs, income inequality has been approaching third world levels.

In particular, between 1990 and 2013, the median income of men without high school diplomas fell by an astonishing 20% between 1990 and 2013, and that of men with high school diplomas or some college fell by a painful 13%. Innovation has been left largely to software and IT startups, and increasingly U.S. firms operate on a system of “innovate here/produce there,” leaving the manufacturing sector behind. In this book, William Bonvillian and Peter Singer explore how to rethink innovation and revitalize America's declining manufacturing sector. They argue that advanced manufacturing, which employs such innovative technologies as 3-D printing, advanced material, photonics, and robotics in the production process, is the key. Bonvillian and Singer discuss transformative new production paradigms that could drive up efficiency and drive down costs, describe the new processes and business models that must accompany them, and explore alternative funding methods for startups that must manufacture. They examine the varied attitudes of mainstream economics toward manufacturing, the post-Great Recession policy focus on advanced manufacturing, and lessons from the new advanced manufacturing institutes. They consider the problem of “startup scaleup,” possible new models for training workers, and the role of manufacturing in addressing “secular stagnation” in innovation, growth, the middle classes, productivity rates, and related investment. As recent political turmoil shows,

the stakes could not be higher. Updated version of the bestselling 3ds Max book on the market Autodesk 3ds Max is top animation software used by developers, visual effects artists, and graphic designers in film, television, and the game industry. One place designers turn for crucial information on how to use 3ds Max is this in-depth book. Whether you're a beginner just itching to create something right away or an experienced user checking out the latest and greatest features, you'll find it here. See what's new, what's tried and true, and just how creative you can get using the tips, tricks, and techniques in this essential reference. Every previous edition has been a top-seller. Packs expert advice, timesaving tips, and more than 150 step-by-step tutorials into over 800 pages that help you master this complex software Gives you in-depth coverage of all new features, as well as the basics Jump-starts your learning on day one with a Quick Start tutorial, so you can create an exciting animation right away Provides you with access to all before-and-after example files from each tutorial, plus unique models and textures that you can customize on the companion CD Includes extra content from previous editions of the 3ds Max Bible, including bonus Quick Start tutorials from previous editions Whether you're just starting out or getting up to speed on 3ds Max 2013, this comprehensive book will get you there.

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