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Diagnostic Radiology Physics -
International Atomic Energy Agency
2014

This publication is aimed at students and teachers involved in programmes that train medical physicists for work in diagnostic radiology. It provides a comprehensive overview of the basic medical physics knowledge required in the form of a syllabus for the practice of modern diagnostic radiology. This makes it particularly useful for graduate students and residents in medical physics programmes. The material presented in the publication has been endorsed by the major international organizations and is the foundation for academic and clinical courses in both diagnostic radiology physics and in emerging areas such as imaging in radiotherapy.

Understanding the Digital Economy -
Erik Brynjolfsson 2002-01-25

The rapid growth of electronic commerce, along with changes in information, computing, and communications, is having a profound effect on the United States economy. President Clinton recently directed the National Economic Council, in consultation with executive branch agencies, to analyze the economic implications of the Internet and electronic commerce domestically and internationally, and to consider new types of data collection and research that could be undertaken by public and private organizations. This book contains work presented at a conference held by executive branch agencies in May 1999 at the Department of Commerce. The goals of the conference were to assess current

research on the digital economy, to engage the private sector in developing the research that informs investment and policy decisions, and to promote better understanding of the growth and socioeconomic implications of information technology and electronic commerce. Aspects of the digital economy addressed include macroeconomic assessment, organizational change, small business, access, market structure and competition, and employment and the workforce.

Information Rules - Carl Shapiro 1999

As one of the first books to distill the economics of information and networks into practical business strategies, this is a guide to the winning moves that can help business leaders--from writers, lawyers and finance professional to executives in

the entertainment, publishing and hardware and software industries--navigate successfully through the information economy.

Blown to Bits - Harold Abelson 2008

'Blown to Bits' is about how the digital explosion is changing everything. The text explains the technology, why it creates so many surprises and why things often don't work the way we expect them to. It is also about things the information explosion is destroying: old assumptions about who is really in control of our lives.

Management Information Systems - Kenneth C. Laudon 2004

Management Information Systems provides comprehensive and integrative coverage of essential new technologies, information system applications, and their impact on

business models and managerial decision-making in an exciting and interactive manner. The twelfth edition focuses on the major changes that have been made in information technology over the past two years, and includes new opening, closing, and Interactive Session cases.

PC Mag - 1994-06-28

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.

Microtimes - 2000

Fuji X Secrets - Rico Pfirstinger
2018-12-17

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In this book, X-Pert Corner columnist and workshop mentor Rico Pfirstinger teaches you all about the capabilities of the Fujifilm X series lineup of cameras, which he's discovered through years of in-depth research, experience, and experimentation. No matter which X series camera you own—whether it be the X-T3, X-H1, X-T2, X-Pro2, X100F, X-T20, X-E3, GFX, or any other Fuji X series camera—Rico cuts to the chase and provides a plethora of tips and

practical instructions not found in user manuals or anywhere else. With this knowledge, you will be able to take full advantage of your X series camera.

The Fujifilm X series boasts amazing features, but some users may require an adjustment period if they are new to these cameras—even photographers who have been lifetime DSLR shooters. This guide will help you to quickly feel comfortable using your camera so that you can achieve excellent results.

Rico reveals many hidden features, functions, and procedures, so photographers of every level—beginners, enthusiasts, and experienced pros—will learn new and better ways to use their Fuji X

series camera to its full potential. Beyond beneficial practices for all X series shooters, Rico also covers advanced concepts, such as the capabilities of Fujifilm's ISOless sensors with Dual Conversion Gain, and offers solutions for common issues, such as inaccurate focus or RAW conversion artifacts.

Topics covered include:

- Firmware upgrades, lens issues, OIS and IBIS
- Menu shortcuts, Custom Settings, My Menu, Quick Menu, and Fn buttons
- Mirrorless exposure metering
- Maximizing dynamic range
- ISOless photography
- Autofocus settings, challenges, and strategies
- Film simulations, white balance,

and JPEG settings

- RAW conversion (internal and external)
- Flash photography
- And much more...

Popular Photography - 1984-06

Product Strategy and Management -
Baker 2008-09

Debugging with GDB - Richard M.
Stallman 1996

Lean Manufacturing in the Developing
World - Jorge Luis García-Alcaraz
2014-03-27

This book presents some definitions and concepts applied in Latin America on lean manufacturing (LM), the LM tools most widely used and human and cultural aspects that most matter in this field. The book contains a total

of 14 tools used and reported by authors from different countries in Latin America, with definition, timeline with related research, benefits that have been reported in literature and case studies implemented in Latin American companies. Finally, the book presents a list of softwares available to facilitate the tools' implementation, monitoring and improvement.

Star Wars Year by Year - Kristin
Baver 2021-11-02

Discover everything you've ever wanted to know about Star Wars in this complete history of the most famous franchise in movie history. Painstakingly researched and superbly illustrated, *Star Wars™ Year By Year: A Visual History, New Edition* presents a unique Star Wars timeline- the full history of the amazing Star

Wars phenomenon as you've never seen it before. This stunning visual journey features trivia and cultural cornerstones from director George Lucas' early life through to the iconic movie stills, comic books, novels, toys, video games, and theme parks that have spawned from five decades of seminal film making. Fully updated and expanded, this edition encompasses all nine episodes of the original, prequel, and sequel trilogies, along with the standalone movies Rogue One and Solo, and the acclaimed television series, The Mandalorian. Produced in full collaboration with Lucasfilm and written by renowned Star Wars experts, Star Wars Year by Year: A Visual History, New Edition is ideal for Star Wars fanatics and newbies alike. © & TM 2021 Lucasfilm Ltd.

Musical Sound Effects - Jean-Michel Réveillac 2018-03-07

For decades performers, instrumentalists, composers, technicians and sound engineers continue to manipulate sound material. They are trying with more or less success to create, to innovate, improve, enhance, restore or modify the musical message. The sound of distorted guitar of Jimi Hendrix, Pierre Henry's concrete music, Pink Floyd's rock psychedelic, Kraftwerk's electronic music, Daft Punk and rap T-Pain, have let emerge many effects: reverb, compression, distortion, auto-tune, filter, chorus, phasing, etc. The aim of this book is to introduce and explain these effects and sound treatments by addressing their theoretical and practical aspects.

Digital Video For Dummies - Keith Underdahl 2006-09-30

So you have a camcorder and visions of being the next Spielberg. But how do you progress from shooting so-so footage to showing your own finished movie? *Digital Video For Dummies*, 4th Edition gives you the know-how and the show-how! Find out how to shoot and edit great movies, using iMovie, Windows Movie Maker, or Adobe Premiere Elements to add the finishing touches like special effects and your own soundtrack. With the latest information and lots of illustrations and screen shots, this friendly guide walks you through: Getting your computer ready to work with digital video (complete with information about FireWire) Choosing a camcorder, including features to look for and features that are

useless Digitizing old VHS videotapes to preserve memories Purchasing other movie making gear, including audio and lighting equipment Shooting better video, with tips on lighting, panning, using the zoom, and recording better audio Creating your own sound effects such as footsteps, bones breaking, fire, thunder, insects buzzing, and more Capturing digital video using iMovie, Windows Movie Marker, or Premiere Elements Editing, including understanding timecode, organizing and previewing clips, and assembling clips in Storyboard and Timeline Adding transitions, titles, and special effects Importing and integrating video from phones and digital cameras Using audio rubberbands in iMovie, Premiere Elements, and other editing programs Adding narration, importing

and working with CD audio, and adding a music soundtrack Keith Underdahl has extensive professional video production experience developing kiosk and marketing videos for Ages Software. Realizing that you'll want to polish and premiere your movie, he includes information on: More advanced video editing, including animating video clips, improving light and color, compositing video (bluescreen or greenscreen), and more 13 categories of video effects, ranging from blur and sharpen to transform Working with still photos and graphics Sharing your video online using QuickTime (/QT), RealMedia (.RM), or Windows Media Video (.WMV) Making tapes or burning DVDs in 9 steps With a handy cheat sheet of keyboard shortcuts, a chart comparing 10 video editing programs,

a glossary, and more, with this guide you'll soon be saying "Lights, camera, action" and producing your own movie attraction.

Ethics for the Information Age - Michael Jay Quinn 2006

Widely praised for its balanced treatment of computer ethics, Ethics for the Information Age offers a modern presentation of the moral controversies surrounding information technology. Topics such as privacy and intellectual property are explored through multiple ethical theories, encouraging readers to think critically about these issues and to make their own ethical decisions.

SQL Server 2000 - Dejan Sunderic 2001
This book is an A-Z guide to building and using stored procedures in SQL Server applications. With this book,

developers can custom design stored procedures to write high-performance SQL Server applications that effectively can be maintained and scaled. They also will learn to administer SQL Server environments using Microsoft's system stored procedures. 20 line illustrations.

PC Mag - 1994-04-12

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.

Progresses in Artificial Intelligence and Neural Systems - Anna Esposito
2020-07-09

This book provides an overview of the current advances in artificial

intelligence and neural nets. Artificial intelligence (AI) methods have shown great capabilities in modelling, prediction and recognition tasks supporting human-machine interaction. At the same time, the issue of emotion has gained increasing attention due to its relevance in achieving human-like interaction with machines. The real challenge is taking advantage of the emotional characterization of humans' interactions to make computers interfacing with them emotionally and socially credible. The book assesses how and to what extent current sophisticated computational intelligence tools might support the multidisciplinary research on the characterization of appropriate system reactions to human emotions and expressions in interactive

scenarios. Discussing the latest recent research trends, innovative approaches and future challenges in AI from interdisciplinary perspectives, it is a valuable resource for researchers and practitioners in academia and industry.

Study Guide for Genetics, Third Edition, Daniel L. Hartl - Rowland H. Davis 1994

Introduction to Business - Lawrence J. Gitman 2018

Introduction to Business covers the scope and sequence of most introductory business courses. The book provides detailed explanations in the context of core themes such as customer satisfaction, ethics, entrepreneurship, global business, and managing change. Introduction to

Business includes hundreds of current business examples from a range of industries and geographic locations, which feature a variety of individuals. The outcome is a balanced approach to the theory and application of business concepts, with attention to the knowledge and skills necessary for student success in this course and beyond.

The Antivirus Hacker's Handbook - Joxean Koret 2015-08-27

Hack your antivirus software to stamp out future vulnerabilities The Antivirus Hacker's Handbook guides you through the process of reverse engineering antivirus software. You explore how to detect and exploit vulnerabilities that can be leveraged to improve future software design, protect your network, and anticipate attacks that may sneak through your

antivirus' line of defense. You'll begin building your knowledge by diving into the reverse engineering process, which details how to start from a finished antivirus software program and work your way back through its development using the functions and other key elements of the software. Next, you leverage your new knowledge about software development to evade, attack, and exploit antivirus software—all of which can help you strengthen your network and protect your data. While not all viruses are damaging, understanding how to better protect your computer against them can help you maintain the integrity of your network. Discover how to reverse engineer your antivirus software Explore methods of antivirus software evasion Consider different ways to

attack and exploit antivirus software Understand the current state of the antivirus software market, and get recommendations for users and vendors who are leveraging this software The Antivirus Hacker's Handbook is the essential reference for software reverse engineers, penetration testers, security researchers, exploit writers, antivirus vendors, and software engineers who want to understand how to leverage current antivirus software to improve future applications.

Blockchain Revolution - Don Tapscott
2016-05-10

Blockchain technology is powering our future. As the technology behind cryptocurrencies like bitcoin and Facebook's Libra, open software platforms like Ethereum, and disruptive companies like Ripple,

it's too important to ignore. In this revelatory book, Don Tapscott, the bestselling author of Wikinomics, and his son, blockchain expert Alex Tapscott, bring us a brilliantly researched, highly readable, and essential book about the technology driving the future of the economy. Blockchain is the ingeniously simple, revolutionary protocol that allows transactions to be simultaneously anonymous and secure by maintaining a tamperproof public ledger of value. Though it's best known as the technology that drives bitcoin and other digital currencies, it also has the potential to go far beyond currency, to record virtually everything of value to humankind, from birth and death certificates to insurance claims, land titles, and even votes. Blockchain is also

essential to understand if you're an artist who wants to make a living off your art, a consumer who wants to know where that hamburger meat really came from, an immigrant who's tired of paying big fees to send money home to your loved ones, or an entrepreneur looking for a new platform to build a business. And those examples are barely the tip of the iceberg. As with major paradigm shifts that preceded it, blockchain technology will create winners and losers. This book shines a light on where it can lead us in the next decade and beyond.

Developing National Systems of Innovation - Eduardo Albuquerque
2015-01-30

Interactions between firms and universities are key building blocks of innovation systems. This book

focuses on those interactions in developing countries, presenting studies based on fresh empirical material prepared by research teams in 12 countries

Brand Relevance - David A. Aaker
2011-01-25

Branding guru Aaker shows how to eliminate the competition and become the lead brand in your market This ground-breaking book defines the concept of brand relevance using dozens of case studies-Prius, Whole Foods, Westin, iPad and more-and explains how brand relevance drives market dynamics, which generates opportunities for your brand and threats for the competition. Aaker reveals how these companies have made other brands in their categories irrelevant. Key points: When managing a new category of product, treat it

as if it were a brand; By failing to produce what customers want or losing momentum and visibility, your brand becomes irrelevant; and create barriers to competitors by supporting innovation at every level of the organization. Using dozens of case studies, shows how to create or dominate new categories or subcategories, making competitors irrelevant Shows how to manage the new category or subcategory as if it were a brand and how to create barriers to competitors Describes the threat of becoming irrelevant by failing to make what customer are buying or losing energy David Aaker, the author of four brand books, has been called the father of branding This book offers insight for creating and/or owning a new business arena. Instead of being the best, the goal

is to be the only brand around-making competitors irrelevant.

Signal Integrity and Radiated Emission of High-Speed Digital

Systems - Spartaco Caniggia

2008-11-20

Before putting digital systems for information technology or telecommunication applications on the market, an essential requirement is to perform tests in order to comply with the limits of radiated emission imposed by the standards. This book provides an investigation into signal integrity (SI) and electromagnetic interference (EMI) problems. Topics such as reflections, crosstalk, switching noise and radiated emission (RE) in high-speed digital systems are covered, which are essential for IT and telecoms applications. The highly important topic of modelling

is covered which can reduce costs by enabling simulation data to demonstrate that a product meets design specifications and regulatory limits. According to the new European EMC directive, this can help to avoid the expensive use of large semi-anechoic chambers or open area test sites for radiated emission assessments. Following a short introduction to signalling and radiated interference in digital systems, the book provides a detailed characterization of logic families in terms of static and dynamic characteristic useful for modelling techniques. Crosstalk in multi-coupled line structures are investigated by analytical, graphical and circuit-based methods, and techniques to mitigate these phenomena are provided. Grounding,

filtering and shielding with multilayer PCBs are also examined and design rules given. Written by authors with extensive experience in industry and academia. Explains basic conceptual problems from a theoretical and practical point of view by using numerous measurements and simulations. Presents models for mathematical and SPICE-like circuit simulators. Provides examples of using full-wave codes for SI and RE investigations. Companion website containing lists of codes and sample material. Signal Integrity and Radiated Emission of High-Speed Digital Systems is a valuable resource to industrial designers of information technology, telecommunication equipment and automation equipment as well as to development engineers. It will also

be of interest to managers and designers of consumer electronics, and researchers in electronics.

Jack - Jack Welch 2003-10-01

In an anticipated book on business management for our time, Jack Welch surveys the landscape of his career running General Electric, one of the world's largest and most successful corporations. Here he reveals his philosophy and management style.

The Technological and Economic Future of Nuclear Power - Reinhard Haas

2019-01-01

This open access book discusses the eroding economics of nuclear power for electricity generation as well as technical, legal, and political acceptance issues. The use of nuclear power for electricity generation is still a heavily disputed issue. Aside from technical risks, safety issues,

and the unsolved problem of nuclear waste disposal, the economic performance is currently a major barrier. In recent years, the costs have skyrocketed especially in the European countries and North America. At the same time, the costs of alternatives such as photovoltaics and wind power have significantly decreased. Contents History and Current Status of the World Nuclear Industry The Dramatic Decrease of the Economics of Nuclear Power Nuclear Policy in the EU The Legacy of Csernobyl and Fukushima Nuclear Waste and Decommissioning of Nuclear Power Plants Alternatives: Heading Towards Sustainable Electricity Systems Target Groups Researchers and students in the fields of political, economic and technical sciences Energy (policy) experts, nuclear

energy experts and practitioners, economists, engineers, consultants, civil society organizations The Editors Prof. Dr. Reinhard Haas is University Professor of energy economics at the Institute of Energy Systems and Electric Drives at Technische Universität Wien, Austria. PD Dr. Lutz Mez is Associate Professor at the Department for Political and Social Sciences of Freie Universität Berlin, Germany. PD Dr. Amela Ajanovic is a senior researcher and lecturer at the Institute of Energy Systems and Electrical Drives at Technische Universität Wien, Austria.-- *HVAC Control in the New Millennium* - Michael F. Hordeski 2001 1-Heat, Ventilation and Damper Control Trends2-Energy and Power Management, Distributed Control

Trends3-Control Technology,
Microelectronics and Nanotechnology4-
Advance HVAC Control, Information
Technology and Open Systems5-PC-based
Control, Software and Bus Trends6-
Artificial Intelligence, Fuzzy Logic
and Control7-Computer Networks and
Security8-Systems and Device
Networks9-Building automation,
Wireless Technology and the
InternetIndex

PC Magazine - 1995

A Year with Swollen Appendices -
Brian Eno 2020-11-17

The diary and essays of Brian Eno
republished twenty-five years on with
a new introduction by the artist in a
beautiful hardback edition.'One of
the seminal books about music . . .
an invaluable insight into the mind
and working practices of one of the

industry's undeniable
geniuses.'GUARDIANAt the end of 1994,
Brian Eno resolved to keep a diary.
His plans to go to the cinema,
theatre and galleries fell quickly to
the wayside. What he did do - and
write - however, was astonishing:
ruminations on his collaborative work
with David Bowie, U2, James and Jah
Wobble, interspersed with
correspondence and essays dating back
to 1978. These 'appendices' covered
topics from the generative and
ambient music Eno pioneered to what
he believed the role of an artist and
their art to be, alongside adroit
commentary on quotidian tribulations
and happenings around the world.This
beautiful 25th-anniversary hardcover
edition has been redesigned in the
same size as the diary that
eventually became this book. It

features two ribbons, pink paper delineating the appendices (matching the original edition) and a two-tone paper-over-board cover, which pays homage to the original design. An intimate insight into one of the most influential creative artists of our time, *A Year with Swollen Appendices* is an essential classic.

Achieving Excellence Through Customer Service - John Tschohl 1996

Promotes the theory that superior customer service leads to a superior business organisation

Audio Power Amplifier Design - Douglas Self 2013-07-04

This book is essential for audio power amplifier designers and engineers for one simple reason...it enables you as a professional to develop reliable, high-performance circuits. The Author Douglas Self

covers the major issues of distortion and linearity, power supplies, overload, DC-protection and reactive loading. He also tackles unusual forms of compensation and distortion produced by capacitors and fuses. This completely updated fifth edition includes four NEW chapters including one on The XD Principle, invented by the author, and used by Cambridge Audio. Crosstalk, power amplifier input systems, and microcontrollers in amplifiers are also now discussed in this fifth edition, making this book a must-have for audio power amplifier professionals and audiophiles.

Embedded Linux System Design and Development - P. Raghavan 2005-12-21
Based upon the authors' experience in designing and deploying an embedded Linux system with a variety of

applications, Embedded Linux System Design and Development contains a full embedded Linux system development roadmap for systems architects and software programmers. Explaining the issues that arise out of the use of Linux in embedded systems, the book facilitates movement to embedded Linux from traditional real-time operating systems, and describes the system design model containing embedded Linux. This book delivers practical solutions for writing, debugging, and profiling applications and drivers in embedded Linux, and for understanding Linux BSP architecture. It enables you to understand: various drivers such as serial, I2C and USB gadgets; uClinux architecture and its programming model; and the embedded Linux graphics subsystem. The text

also promotes learning of methods to reduce system boot time, optimize memory and storage, and find memory leaks and corruption in applications. This volume benefits IT managers in planning to choose an embedded Linux distribution and in creating a roadmap for OS transition. It also describes the application of the Linux licensing model in commercial products.

Functional Neurology for Practitioners of Manual Medicine E-Book - Randy W. Beck 2011-09-21
Functional Neurology for Practitioners of Manual Medicine takes the reader from the embryonic beginnings of the nervous system, through the biochemistry of receptor activation and on to the functional systems of the nervous system. Concepts, relationships and scientific

mechanisms of the nervous system function are covered, and this aids the practitioner in developing their clinical approach to a wide variety of patient presentations. The text is fully referenced, which allows the reader to immediately apply the concepts to practice situations. New for this edition are new chapters on pain (including headache) and theoretical evidence, plus extensive electronic resources supporting the text. Utilizes our understanding of how the nervous system works in the treatment of a variety of clinical conditions Demystifies the clinical results seen in the practice of Functional Neurology and scientifically validates its clinical success Addresses function rather than pathology, allowing the reader to gain a firm understanding of the

neurological processes seen in health and disease Contains clinical cases which are designed to be read and answered before starting the chapter to allow the reader to gauge their current state of knowledge 'Quick Facts' introduce new concepts or allow rapid review of information already presented in the text in a brief and succinct manner Contains a detailed overview of the concepts relating to our understanding of the development of emotion to demonstrate the link between physical health and the mind Contains abundant references to support controversial concepts Contains new chapters on theoretical evidence and the management of pain (including headache) Contains a wide range of additional case studies, 'clinical conundrums' and key questions and answers for each topic

Bonus DVD contains fully searchable text, a downloadable image bank, brain dissection and video clips of the manipulative techniques and examination procedures found within the volume plus 200 multiple choice questions

Giants of Computing - Gerard O'Regan
2013-08-19

It has been upon the shoulders of giants that the modern world has been forged. This accessible compendium presents an insight into the great minds responsible for the technology which has transformed our lives. Each pioneer is introduced with a brief biography, followed by a concise account of their key contributions to their discipline. The selection covers a broad spread of historical and contemporary figures from theoreticians to entrepreneurs,

highlighting the richness of the field of computing. Suitable for the general reader, this concise and easy-to-read reference will be of interest to anyone curious about the inspiring men and women who have shaped the field of computer science.

Idea Man - Paul Allen 2011-04-28
By his early thirties, Paul Allen was a world-famous billionaire-and that was just the beginning. In 2007 and 2008, Time named Paul Allen, the cofounder of Microsoft, one of the hundred most influential people in the world. Since he made his fortune, his impact has been felt in science, technology, business, medicine, sports, music, and philanthropy. His passion, curiosity, and intellectual rigor-combined with the resources to launch and support new initiatives-have literally changed the world. In

2009 Allen discovered that he had lymphoma, lending urgency to his desire to share his story for the first time. In this long-awaited memoir, Allen explains how he has solved problems, what he's learned from his many endeavors-both the triumphs and the failures-and his compelling vision for the future. He reflects candidly on an extraordinary life. The book also features previously untold stories about everything from the true origins of Microsoft to Allen's role in the dawn of private space travel (with SpaceShipOne) and in discoveries at the frontiers of brain science. With honesty, humor, and insight, Allen tells the story of a life of ideas made real.

PC Mag - 1993-09-14

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.

Game Engine Architecture - Jason Gregory 2017-03-27

Hailed as a "must-have textbook" (CHOICE, January 2010), the first edition of Game Engine Architecture provided readers with a complete guide to the theory and practice of game engine software development. Updating the content to match today's landscape of game engine architecture, this second edition continues to thoroughly cover the major components that make up a typical commercial game engine. New to the Second Edition Information on

new topics, including the latest variant of the C++ programming language, C++11, and the architecture of the eighth generation of gaming consoles, the Xbox One and PlayStation 4. New chapter on audio technology covering the fundamentals of the physics, mathematics, and technology that go into creating an AAA game audio engine. Updated sections on multicore programming, pipelined CPU architecture and optimization, localization, pseudovectors and Grassman algebra, dual quaternions, SIMD vector math, memory alignment, and anti-aliasing. Insight into the making of Naughty Dog's latest hit, The Last of Us. The book presents the theory underlying various subsystems that comprise a commercial game engine as well as the data structures, algorithms, and

software interfaces that are typically used to implement them. It primarily focuses on the engine itself, including a host of low-level foundation systems, the rendering engine, the collision system, the physics simulation, character animation, and audio. An in-depth discussion on the "gameplay foundation layer" delves into the game's object model, world editor, event system, and scripting system. The text also touches on some aspects of gameplay programming, including player mechanics, cameras, and AI. An awareness-building tool and a jumping-off point for further learning, Game Engine Architecture, Second Edition gives readers a solid understanding of both the theory and common practices employed within each of the engineering disciplines

covered. The book will help readers on their journey through this fascinating and multifaceted field.

The Art of Being Human - Michael Wesch 2018-08-07

Anthropology is the study of all humans in all times in all places. But it is so much more than that. "Anthropology requires strength, valor, and courage," Nancy Scheper-Hughes noted. "Pierre Bourdieu called anthropology a combat sport, an extreme sport as well as a tough and rigorous discipline. ... It teaches students not to be afraid of getting one's hands dirty, to get down in the dirt, and to commit yourself, body and mind. Susan Sontag called anthropology a "heroic" profession." What is the payoff for this heroic journey? You will find ideas that can carry you across rivers of doubt and

over mountains of fear to find the light and life of places forgotten. Real anthropology cannot be contained in a book. You have to go out and feel the world's jagged edges, wipe its dust from your brow, and at times, leave your blood in its soil. In this unique book, Dr. Michael Wesch shares many of his own adventures of being an anthropologist and what the science of human beings can tell us about the art of being human. This special first draft edition is a loose framework for more and more complete future chapters and writings. It serves as a companion to anth101.com, a free and open resource for instructors of cultural anthropology. This 2018 text is a revision of the "first draft edition" from 2017 and includes 7 new chapters.