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Code - Lawrence Lessig 2009-07-09
Since its original publication in 1999, this foundational book has become a classic in its field. This second edition, Code Version 2.0, updates the work and was prepared in part through a wiki, a web site allowing readers to edit the text, making this the first reader-edited revision of a popular book. Code counters the common belief that cyberspace cannot be controlled or censored. To the contrary, under the influence of commerce, cyberspace is becoming a highly regulable world where behavior will be much more tightly controlled than in real space. We can - we must - choose what kind of cyberspace we want and what freedoms it will guarantee. These choices are all about architecture: what kind of code will govern cyberspace, and who will control it. In this realm, code is the most significant form of law and it is up to lawyers, policymakers, and especially average citizens to decide what values that code embodies. Publisher: Basic Books/Perseus.

University Physics - Samuel J. Ling 2016-09-29
"University Physics is a three-volume collection that meets the scope and sequence requirements for two- and three-semester calculus-based physics courses. Volume 1 covers mechanics, sound, oscillations, and waves. This textbook emphasizes connections between theory and application, making physics concepts interesting and accessible to students while maintaining the mathematical rigor inherent in the subject. Frequent, strong examples focus on how to approach a problem, how to work with the equations, and how to check and generalize the result."--Open Textbook Library.

The Great Recession - Robert L. Hetzel 2012-04-16
Since publication of Hetzel's The Monetary Policy of the Federal Reserve (Cambridge University Press, 2008), the intellectual consensus that had characterized macroeconomics has disappeared. That consensus emphasized efficient markets, rational expectations and the efficacy of the price system in assuring macroeconomic stability. The 2008–9 recession not only destroyed the professional consensus about the kinds of models required to understand cyclical fluctuations but also revived the credit-cycle or asset-bubble explanations of recession that dominated thinking in the nineteenth century and the first half of the twentieth century. These 'market-disorder' views emphasize excessive risk taking in financial markets and the need for government regulation. The present book argues for the alternative 'monetary-disorder' view of recessions. A review of cyclical instability over the last two centuries places the 2008–9 recession in the monetary-disorder tradition, which focuses on the monetary instability created by central banks rather than on a boom-bust cycle in financial markets.

The Dao of Capital - Mark Spitznagel 2013-08-16
As today's preeminent doomsday investor Mark Spitznageldescribes his Daoist and roundabout investmentapproach, "one gains by losing and loses by gaining."This is Austrian Investing, an archetypal, counterintuitive,and proven approach, gleaned from the 150-year-old Austrian Schoolof economics, that is both timeless and exceedingly timely. In The Dao of Capital, hedge fund manager andtail-hedging pioneer Mark Spitznagel—with one of the topreturns on capital of the financial crisis, as well as over acareer—takes us on a gripping, circuitous journey from theChicago trading pits, over the coniferous boreal forests andcanonical strategists from Warring States China to NapoleonicEurope to burgeoning industrial America, to the great economicthinkers of late 19th century Austria. We arrive at his centralinvestment methodology of Austrian Investing, where victorycomes not from waging the immediate decisive battle, but ratherfrom the roundabout approach of seeking the intermediatepositional advantage (what he calls shi), of aiming at theindirect means rather than directly at the ends. The monumentalchallenge is in seeing time differently, in a whole newintertemporal dimension, one that is so contrary to ourwiring.

Spitznagel is the first to condense the theories of Ludwig vonMises and his Austrian School of economics into a cohesiveand—as Spitznagel has shown—highly effective investmentmethodology. From identifying the monetary distortions andnon-randomness of stock market routs (Spitznagel's bread andbutter) to scorned highly-productive assets, in Ron Paul's wordsfrom the foreword, Spitznagel "brings Austrian economics fromthe ivory tower to the investment portfolio." The Dao of Capital provides a rare and accessible lookthrough the lens of one of today's great investors to discover aprofound harmony with the market process—a harmony that is soessential today.

Managing Digital Transformation - Andreas Hinterhuber 2021-05-27
This book provides practising executives and academics with the theories and best practices to plan and implement the digital transformation successfully. Key benefits: an overview on how leading companies plan and implement digital transformation interviews with chief executive officers and chief digital officers of leading companies – Bulgari, Deutsche Bahn, Henkel, Lanxess, L'Oréal, Unilever, Thales and others – explore lessons learnt and roadmaps to successful implementation research and case studies on the digitalization of small and medium-sized companies cutting-edge academic research on business models, organizational capabilities and performance implications of the digital transformation tools and insights into how to overcome internal resistance, build digital capabilities, align the organization, develop the ecosystem and create customer value to implement digital strategies that increase profits Managing Digital Transformation is unique in its approach, combining rigorous academic theory with practical insights and contributions from companies that are, according to leading academic thinkers, at the forefront of global best practice in the digital transformation. It is a recommended reading both for practitioners looking to implement digital strategies within their own organisations, as well as for academics and postgraduate students studying digital transformation, strategy and marketing.

ASP.NET Core Application Development - James Chambers 2016-11-29
This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Through four complete sprints, this book takes you through every step needed to build brand new cross-platform web apps with ASP.NET Core, and make them available on the Internet. You won't just master Microsoft's revolutionary open source ASP.NET Core technology: you'll learn how to integrate the immense power of MVC, Docker, Azure Web Apps, Visual Studio and Visual Studio Code, C#, JavaScript, TypeScript, and Entity Framework. Working through the authors' carefully designed sprints, you'll start with a blank canvas, move through software architecture and design, adjusting to user feedback, recovering from mistakes, builds, testing, deployment, maintenance, refactoring, and more. Along the way, you'll learn techniques for delivering state-of-the-art software to users more rapidly and repeatably than ever before.

The Development and Regulation of Non-bank Financial Institutions - Jeffrey Carmichael 2002-01-01
This book aims to create an awareness of the potential of non-bank financial institutions (NBFIs) for developing countries, and to assist policy makers in the creation of coherent policy structures and effective regulatory systems for the development of these institutions. It considers the essential functions and characteristics of non-bank financial institutions and includes chapters on insurance companies, mutual funds and pension schemes, securities markets, and leasing and real estate companies.

The Book of Visual Studio .NET - Robert B. Dunaway 2002
Covers topics such as integrating multiple .NET technologies, cross-language integration, versioning, database and monitoring tools for

application development, accessing data, and COM+.

E-commerce - Kenneth C. Laudon 2016
For undergraduate and graduate courses in business. Understanding The Vast And Expanding Field of E-Commerce Laudon's E-Commerce 2016: Business, Technology, Society emphasizes three driving forces behind the expanding field of e-commerce: technology change, business development, and social issues. A conceptual framework uses the templates of many modern-day companies to further demonstrate the differences and complexities in e-commerce today. An in-depth investigation of companies such as Uber, Pinterest, and Apple kick-off the course while preparing students for real-life scenarios. In the Twelfth Edition, Laudon and Traver add new or update existing case studies to match developments in the e-commerce field as they exist in today's tech world. They built in additional video cases for each chapter, making the material even more accessible to students as they prepare for their future roles in business.

The Economics of Money, Banking, and Financial Markets - Frederic S. Mishkin 2007
Economics of Money, Banking, and Financial Markets heralded a dramatic shift in the teaching of the money and banking course in its first edition, and today it is still setting the standard. By applying an analytical framework to the patient, stepped-out development of models, Frederic Mishkin draws students into a deeper understanding of modern monetary theory, banking, and policy. His landmark combination of common sense applications with current, real-world events provides authoritative, comprehensive coverage in an informal tone students appreciate.

ASEAN+3 Information on Transaction Flows and Settlement Infrastructures - Shinji Kawai 2013-12-01
This report, consisting of three parts, is the result of Phase 2 studies of the ASEAN+3 Bond Market Forum Sub-Forum 2 and enhances the findings of Phase 1. Part 1 provides an overview of ASEAN+3 bond markets and their infrastructure. Part 2 reports on the bond market-related issues of economies in the region. Part 3 contains diagrams of ASEAN+3 bond market infrastructures, domestic bond transaction flows, and cross-border bond transaction flows.

Environmental education in the schools creating a program that works. -

The African Film Industry - UNESCO 2021-10-01
The production and distribution of film and audiovisual works is one of the most dynamic growth sectors in the world. Thanks to digital technologies, production has been growing rapidly in Africa in recent years. For the first time, a complete mapping of the film and audiovisual industry in 54 States of the African continent is available, including quantitative and qualitative data and an analysis of their strengths and weaknesses at the continental and regional levels.The report proposes strategic recommendations for the development of the film and audiovisual sectors in Africa and invites policymakers, professional organizations, firms, filmmakers and artists to implement them in a concerted manner.

The Virtual Community, revised edition - Howard Rheingold 2000-10-23
Howard Rheingold tours the "virtual community" of online networking. Howard Rheingold has been called the First Citizen of the Internet. In this book he tours the "virtual community" of online networking. He describes a community that is as real and as much a mixed bag as any physical community—one where people talk, argue, seek information, organize politically, fall in love, and dupe others. At the same time that he tells moving stories about people who have received online emotional support during devastating illnesses, he acknowledges a darker side to people's behavior in cyberspace. Indeed, contends Rheingold, people relate to each other online much the same as they do in physical communities. Originally published in 1993, The Virtual Community is more timely than ever. This edition contains a new chapter, in which the author revisits his ideas about online social communication now that so much more of the world's population is wired. It also contains an extended bibliography.

Moving On - James F. Grebey 2018-07-23
Selling a business is a critical event that may occur only once in a lifetime. This is an event when you can't afford to make a mistake. Small business owners need basic guidance from someone who doesn't have a stake in the sale of their business. Moving On: Getting the Most from the Sale of Your Small Business is a straight forward, highly pragmatic discussion that will guide you through the sales process and help you avoid some of the common pitfalls faced by business owners that lack experience with the process. This book will assist you in finding the right

professional help when you are ready. James F. Grebey, an operations management specialist who provides small business owners with insight into the sales process, helps you recognize pitfalls that could impact your sale negotiations. This book is replete with tips and tools that you will need to drive a successful sale of your business, such as writing the "book" used to market the business, and recommendations to create a working model with a dynamic (what if) spreadsheet to justify your sales projections. Readers will learn where to reach out for qualified professionals that can help with the sale process. Click here (https://goo.gl/GgLNM8) for the author's related article "The Benefits of Effective Due Diligence for Investors and Business Owners" featured as the cover article on Divestopedia.

The Onlife Manifesto - Luciano Floridi 2014-11-16
What is the impact of information and communication technologies (ICTs) on the human condition? In order to address this question, in 2012 the European Commission organized a research project entitled The Onlife Initiative: concept reengineering for rethinking societal concerns in the digital transition. This volume collects the work of the Onlife Initiative. It explores how the development and widespread use of ICTs have a radical impact on the human condition. ICTs are not mere tools but rather social forces that are increasingly affecting our self-conception (who we are), our mutual interactions (how we socialise); our conception of reality (our metaphysics); and our interactions with reality (our agency). In each case, ICTs have a huge ethical, legal, and political significance, yet one with which we have begun to come to terms only recently. The impact exercised by ICTs is due to at least four major transformations: the blurring of the distinction between reality and virtuality; the blurring of the distinction between human, machine and nature; the reversal from information scarcity to information abundance; and the shift from the primacy of stand-alone things, properties, and binary relations, to the primacy of interactions, processes and networks. Such transformations are testing the foundations of our conceptual frameworks. Our current conceptual toolbox is no longer fitted to address new ICT-related challenges. This is not only a problem in itself. It is also a risk, because the lack of a clear understanding of our present time may easily lead to negative projections about the future. The goal of The Manifesto, and of the whole book that contextualises, is therefore that of contributing to the update of our philosophy. It is a constructive goal. The book is meant to be a positive contribution to rethinking the philosophy on which policies are built in a hyperconnected world, so that we may have a better chance of understanding our ICT-related problems and solving them satisfactorily. The Manifesto launches an open debate on the impacts of ICTs on public spaces, politics and societal expectations toward policymaking in the Digital Agenda for Europe's remit. More broadly, it helps start a reflection on the way in which a hyperconnected world calls for rethinking the referential frameworks on which policies are built.

First Certificate Language Practice - Michael Vince 2009

Home and Away - Samantha Wayland 2019-11-01
You can build a team, but you have to find your home. Rupert Smythe is fond of many things. Callum Morrison isn't one of them. Rupert is a quiet, thoughtful business man and, sadly, a total wimp. Maybe not the ideal candidate to run a professional hockey team, but he signed on to do it anyway. As his life has reminded him on an almost daily basis since, this isn't the most brilliant idea he's ever had. And that was before Callum showed up. Being in the spotlight is just part of being a professional athlete, but Callum needs a break. He arrives in Moncton unannounced, determined to help grow the team he just bought, and under the assumption he'd be welcome. Possibly he should have tried to make a better first impression. Callum figures he can push through the rest of the summer, never expecting two kids, a host of friends, and his growing feelings for Rupert to derail everything he has ever believed about what he wanted, and what he could have.

On Media Education - Alexander Fedorov 2008
This monograph analyzes the theory and practice of media education and media literacy. The book also includes the list of Russian media education literature and addresses of websites of the associations for media education.

My First Number Tracing Workbook - Rachael Smith 2021-04-27
Help kids ages 3 to 5 learn to write their numbers This top choice in tracing books for kids ages 3-5 is bursting with opportunities to trace both numerals and number names, from zero to 20. Fun activities help reinforce what kids are learning and allow them to practice their pen control. Go beyond other tracing books for kids ages 3-5 with: Room to

practice--Discover lots of space for kids to trace their numerals and number names. Ways to play--Make it a joy to learn with a variety of activities, like path following, mazes, and more. Colorful designs--Keep kids engaged with pages featuring adorable and brightly colored images. This standout among tracing books for kids ages 3-5 is the ideal primer for getting your little one started with numbers.

PHP Solutions - David Powers 2011-05-30
This is the second edition of David Powers' highly-respected PHP Solutions: Dynamic Web Design Made Easy. This new edition has been updated by David to incorporate changes to PHP since the first edition and to offer the latest techniques—a classic guide modernized for 21st century PHP techniques, innovations, and best practices. You want to make your websites more dynamic by adding a feedback form, creating a private area where members can upload images that are automatically resized, or perhaps storing all your content in a database. The problem is, you're not a programmer and the thought of writing code sends a chill up your spine. Or maybe you've dabbled a bit in PHP and MySQL, but you can't get past baby steps. If this describes you, then you've just found the right book. PHP and the MySQL database are deservedly the most popular combination for creating dynamic websites. They're free, easy to use, and provided by many web hosting companies in their standard packages. Unfortunately, most PHP books either expect you to be an expert already or force you to go through endless exercises of little practical value. In contrast, this book gives you real value right away through a series of practical examples that you can incorporate directly into your sites, optimizing performance and adding functionality such as file uploading, email feedback forms, image galleries, content management systems, and much more. Each solution is created with not only functionality in mind, but also visual design. But this book doesn't just provide a collection of ready-made scripts: each PHP Solution builds on what's gone before, teaching you the basics of PHP and database design quickly and painlessly. By the end of the book, you'll have the confidence to start writing your own scripts or—if you prefer to leave that task to others—to adapt existing scripts to your own requirements. Right from the start, you're shown how easy it is to protect your sites by adopting secure coding practices.

Banking in Africa - 2020
In its fifth edition, this report focuses on recent developments in Africa's banking sectors and the policy options for all stakeholders. The study of banking sectors across all African sub-regions includes the results of the EIB survey of banking groups operating in Africa. Three thematic chapters address challenges and opportunities for financing investment in Africa: - Investing sustainably in Africa's cities; - Mobilising agricultural value chain financing in Africa: why and how; - Remittances and financial sector development in Africa.

Technology and Social Inclusion - Mark Warschauer 2004-09-17
Much of the discussion about new technologies and social equality has focused on the oversimplified notion of a "digital divide." Technology and Social Inclusion moves beyond the limited view of haves and have-nots to analyze the different forms of access to information and communication technologies. Drawing on theory from political science, economics, sociology, psychology, communications, education, and linguistics, the book examines the ways in which differing access to technology contributes to social and economic stratification or inclusion. The book takes a global perspective, presenting case studies from developed and developing countries, including Brazil, China, Egypt, India, and the United States. A central premise is that, in today's society, the ability to access, adapt, and create knowledge using information and communication technologies is critical to social inclusion. This focus on social inclusion shifts the discussion of the "digital divide" from gaps to be overcome by providing equipment to social development challenges to be addressed through the effective integration of technology into communities, institutions, and societies. What is most important is not so much the physical availability of computers and the Internet but rather people's ability to make use of those technologies to engage in meaningful social practices.

The Future of Ideas - Lawrence Lessig 2002-10-22
The Internet revolution has come. Some say it has gone. In The Future of Ideas, Lawrence Lessig explains how the revolution has produced a counterrevolution of potentially devastating power and effect. Creativity once flourished because the Net protected a commons on which widest range of innovators could experiment. But now, manipulating the law for their own purposes, corporations have established themselves as virtual gatekeepers of the Net while Congress, in the pockets of media magnates, has rewritten copyright and patent laws to stifle creativity and

progress. Lessig weaves the history of technology and its relevant laws to make a lucid and accessible case to protect the sanctity of intellectual freedom. He shows how the door to a future of ideas is being shut just as technology is creating extraordinary possibilities that have implications for all of us. Vital, eloquent, judicious and forthright, The Future of Ideas is a call to arms that we can ill afford to ignore.

Writing the Research Paper - Anthony C. Winkler 2003-01-01
WRITING THE RESEARCH PAPER?now with access to InfoTrac College Edition?is an easily accessible research guide that can be used by students throughout their college career and beyond.

Guide to Computer Forensics and Investigations - Bill Nelson 2014-11-07
Updated with the latest advances from the field, GUIDE TO COMPUTER FORENSICS AND INVESTIGATIONS, Fifth Edition combines all-encompassing topic coverage and authoritative information from seasoned experts to deliver the most comprehensive forensics resource available. This proven author team's wide ranging areas of expertise mirror the breadth of coverage provided in the book, which focuses on techniques and practices for gathering and analyzing evidence used to solve crimes involving computers. Providing clear instruction on the tools and techniques of the trade, it introduces readers to every step of the computer forensics investigation-from lab set-up to testifying in court. It also details step-by-step guidance on how to use current forensics software. Appropriate for learners new to the field, it is also an excellent refresher and technology update for professionals in law enforcement, investigations, or computer security. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Surviving the Angel of Death - Eva Mozes Kor 2020-10-13
Eva Mozes Kor was just ten years old when she arrived in Auschwitz. While her parents and two older sisters were taken to the gas chambers, she and her twin, Miriam, were herded into the care of the man known as the Angel of Death, Dr. Josef Mengele. Subjected to sadistic medical experiments, she was forced to fight daily for her and her twin's survival. In this incredible true story written for young adults, readers learn of a child's endurance and survival in the face of truly extraordinary evil and Eva's recovery and her controversial but often misunderstood decision to publicly forgive the Nazis. Readers will learn of how she triumphed over unfathomable pain and suffering into a life-long work for peace, human rights, and Holocaust education. The new edition provides interesting details and important context to the events related in the original story. A new Afterword by publisher Peggy Porter Tierney offers a richer portrayal of Eva as a person, the truth behind the controversies, and the eventful last ten years of her life.

The Geek's Guide to Unrequited Love - Sarvenaz Tash 2016-06-14
John Hughes meets Comic Con in this novel about a teenager who is trying to get his best friend to fall in love with him that's an "unabashed love letter and delightful inside joke for comic enthusiasts" (Kirkus Reviews). Peter Parker and Gwen Stacy... Archie and Veronica... Althena and Noth... ...Graham and Roxy? Graham met his best friend, Roxana, when he moved into her neighborhood eight years ago, and she asked him which Hogwarts house he'd be sorted into. Graham has been in love with her ever since. But now they're sixteen, still neighbors, still best friends. And Graham and Roxy share more than ever—moving on from their Harry Potter obsession to a serious love of comic books. When Graham learns that the creator of their favorite comic, The Chronicles of Althena, is making a rare appearance at this year's New York Comic Con, he knows he must score tickets. And the event inspires Graham to come up with the perfect plan to tell Roxy how he really feels about her. He's got three days to woo his best friend at the coolest, kookiest con full of superheroes and supervillains. But no one at a comic book convention is who they appear to be...even Roxy. And Graham is starting to realize fictional love stories are way less complicated than real-life ones.

How the World Changed Social Media - Daniel Miller 2016-02-29
How the World Changed Social Media is the first book in Why We Post, a book series that investigates the findings of anthropologists who each spent 15 months living in communities across the world. This book offers a comparative analysis summarising the results of the research and explores the impact of social media on politics and gender, education and commerce. What is the result of the increased emphasis on visual communication? Are we becoming more individual or more social? Why is public social media so conservative? Why does equality online fail to shift inequality offline? How did memes become the moral police of the internet? Supported by an introduction to the project's academic framework and theoretical terms that help to account for the findings, the book argues that the only way to appreciate and understand

something as intimate and ubiquitous as social media is to be immersed in the lives of the people who post. Only then can we discover how people all around the world have already transformed social media in such unexpected ways and assess the consequences

Klaus Barbie and the United States Government - Allan A. Ryan 1984-06-01

Status Update - Alice E. Marwick 2013-11-26
Presents an analysis of social media, discussing how a technology which was once heralded as democratic, has evolved into one which promotes elitism and inequality and provides companies with the means of invading privacy in search of profits.

Beginning ASP.NET 4.5 in C# - Matthew MacDonald 2012-10-24
This book is the most comprehensive and up to date introduction to ASP.NET ever written. Focussing solely on C#, with no code samples duplicated in other languages, award winning author Matthew MacDonald introduces you to the very latest thinking and best practices for the ASP.NET 4.5 technology. Assuming no prior coding experience, you'll be taught everything you need to know from the ground up. Starting from first principals, you'll learn the skills you need to be an effective ASP.NET developer who is ready to progress to more sophisticated projects and professional work. You'll be taught how to use object orientation and code-behind techniques to lay out your code clearly in a way other developers can easily understand. You'll learn how to query databases from within you web pages, spice up your layouts using ASP.NET AJAX and deploy your finished websites to production servers. You'll also learn how to debug your code when things go wrong and the performance and scalability issues that can affect your web projects as they grow. With you book you can take your first step towards becoming a successful ASP.NET developer with confidence.

Head First Object-Oriented Analysis and Design - Brett McLaughlin 2006-11-27
"Head First Object Oriented Analysis and Design is a refreshing look at subject of OOAD. What sets this book apart is its focus on learning. The authors have made the content of OOAD accessible, usable for the practitioner." Ivar Jacobson, Ivar Jacobson Consulting "I just finished reading HF OOA&D and I loved it! The thing I liked most about this book was its focus on why we do OOA&D-to write great software!" Kyle Brown, Distinguished Engineer, IBM "Hidden behind the funny pictures and crazy fonts is a serious, intelligent, extremely well-crafted presentation of OO Analysis and Design. As I read the book, I felt like I was looking over the shoulder of an expert designer who was explaining to me what issues were important at each step, and why." Edward Sciore,Associate Professor, Computer Science Department, Boston College Tired of reading Object Oriented Analysis and Design books that only makes sense after you're an expert? You've heard OOA&D can help you write great software every time-software that makes your boss happy, your customers satisfied and gives you more time to do what makes you happy. But how? Head First Object-Oriented Analysis & Design shows you how to analyze, design, and write serious object-oriented software: software that's easy to reuse, maintain, and extend; software that doesn't hurt your head; software that lets you add new features without breaking the old ones. Inside you will learn how to: Use OO principles like encapsulation and delegation to build applications that are flexible Apply the Open-Closed Principle (OCP) and the Single Responsibility Principle (SRP) to promote reuse of your code Leverage the power of design patterns to solve your problems more efficiently Use UML, use cases, and diagrams to ensure that all stakeholders arecommunicating clearly to help you deliver the right software that meets everyone's needs. By exploiting how your brain works, Head First Object-Oriented Analysis & Design compresses the time it takes to learn and retain complex information. Expect to have fun, expect to learn, expect to be writing great software consistently by the time you're finished reading this!

Engineering Economy - Leland T. Blank 2001-08-01
This student-friendly text on the current economic issues particular to engineering covers the topics needed to analyze engineering alternatives. Students use both hand-worked and spreadsheet solutions of examples, problems and case studies. In this edition the options have been increased with an expanded spreadsheet analysis component, twice the number of case studies, and virtually all new end-of-chapter problems. The chapters on factor derivation and usage, cost estimation, replacement studies, and after-tax evaluation have been heavily revised. New material is included on public sector projects and cost estimation. A reordering of chapters puts the fundamental topics up front in the text.

Many chapters include a special set of problems that prepare the students for the Fundamentals of Engineering (FE) exam.This text provides students and practicing professionals with a solid preparation in the financial understanding of engineering problems and projects, as well as the techniques needed for evaluating and making sound economic decisions. Distinguishing characteristics include learning objectives for each chapter, an easy-to-read writing style, many solved examples, integrated spreadsheets, and case studies throughout the text. Graphical cross-referencing between topics and quick-solve spreadsheet solutions are indicated in the margin throughout the text. While the chapters are progressive, over three-quarters can stand alone, allowing instructors flexibility for meeting course needs. A complete online learning center (OLC) offers supplemental practice problems, spreadsheet exercises, and review questions for the the Fundamentals of Engineering (FE) exam.

ASP.NET Core 5 for Beginners - Andreas Helland 2020-12-18
Learn how to build web applications efficiently using ASP.NET Core 5 with the C# programming language and related frameworks Key FeaturesBuild web apps and services and cross-platform applications using .NET and C#Understand different web programming concepts with the help of real-world examplesExplore the new features and APIs in ASP.NET Core 5, EF Core, Visual Studio, and BlazorBook Description ASP.NET Core 5 for Beginners is a comprehensive introduction for those who are new to the framework. This condensed guide takes a practical and engaging approach to cover everything that you need to know to start using ASP.NET Core for building cloud-ready, modern web applications. The book starts with a brief introduction to the ASP.NET Core framework and highlights the new features in its latest release, ASP.NET Core 5. It then covers the improvements in cross-platform support, the view engines that will help you to understand web development, and the new frontend technologies available with Blazor for building interactive web UIs. As you advance, you'll learn the fundamentals of the different frameworks and capabilities that ship with ASP.NET Core. You'll also get to grips with securing web apps with identity implementation, unit testing, and the latest in containers and cloud-native to deploy them to AWS and Microsoft Azure. Throughout the book, you'll find clear and concise code samples that illustrate each concept along with the strategies and techniques that will help to develop scalable and robust web apps. By the end of this book, you'll have learned how to leverage ASP.NET Core 5 to build and deploy dynamic websites and services in a variety of real-world scenarios. What you will learnExplore the new features and APIs introduced in ASP.NET Core 5 and BlazorPut basic ASP.NET Core 5 concepts into practice with the help of clear and simple samplesWork with Entity Framework Core and its different workflows to implement your application's data accessDiscover the different web frameworks that ASP.NET Core 5 offers for building web appsGet to grips with the basics of building RESTful web APIs to work with real dataDeploy your web apps in AWS, Azure, and Docker containersWork with SignalR to add real-time notifications to your appWho this book is for This book is for developers who want to learn how to develop web-based applications using the ASP.NET Core framework. Familiarity with the C# language and a basic understanding of HTML and CSS is required to get the most out of this book.

The Northern Caminos - Dave Whitson 2015-01-15
Three different pilgrimage routes through northern Spain to the sacred city of Santiago de Compostela: the Camino del Norte (a 790km five-week coastal route from Irún), Camino Primitivo (which splits from the Norte at Sebrayo for the next 320km) and the Camino Inglés (a five-day 87km route from Ferrol)

Principles of Synthetic Intelligence - Joscha Bach 2009-04-06
From the Foreword: "In this book Joscha Bach introduces Dietrich Dörner's PSI architecture and Joscha's implementation of the MicroPSI architecture. These architectures and their implementation have several lessons for other architectures and models. Most notably, the PSI architecture includes drives and thus directly addresses questions of emotional behavior. An architecture including drives helps clarify how emotions could arise. It also changes the way that the architecture works on a fundamental level, providing an architecture more suited for behaving autonomously in a simulated world. PSI includes three types of drives, physiological (e.g., hunger), social (i.e., affiliation needs), and cognitive (i.e., reduction of uncertainty and expression of competency). These drives routinely influence goal formation and knowledge selection and application. The resulting architecture generates new kinds of behaviors, including context dependent memories, socially motivated behavior, and internally motivated task switching. This architecture

illustrates how emotions and physical drives can be included in an embodied cognitive architecture. The PSI architecture, while including perceptual, motor, learning, and cognitive processing components, also includes several novel knowledge representations: temporal structures, spatial memories, and several new information processing mechanisms and behaviors, including progress through types of knowledge sources when problem solving (the Rasmussen ladder), and knowledge-based hierarchical active vision. These mechanisms and representations suggest ways for making other architectures more realistic, more accurate, and easier to use. The architecture is demonstrated in the Island simulated environment. While it may look like a simple game, it was carefully designed to allow multiple tasks to be pursued and provides ways to satisfy the multiple drives. It would be useful in its own right for developing other architectures interested in multi-tasking, long-term learning, social interaction, embodied architectures, and related aspects of behavior that arise in a complex but tractable real-time environment. The resulting models are not presented as validated cognitive models, but as theoretical explorations in the space of architectures for generating behavior. The sweep of the architecture can thus be larger-it presents a new cognitive architecture attempting to provide a unified theory of cognition. It attempts to cover perhaps the largest number of phenomena to date. This is not a typical cognitive modeling work, but one that I believe that we can learn much from." -- Frank E. Ritter, Series Editor Although computational models of cognition have become very popular, these models are relatively limited in their coverage of cognition-- they usually only emphasize problem solving and reasoning, or treat perception and motivation as isolated modules. The first architecture to cover cognition more broadly is PSI theory, developed by Dietrich Dorner. By integrating motivation and emotion with perception and reasoning, and including grounded neuro-symbolic representations, PSI contributes significantly to an integrated understanding of the mind. It provides a conceptual framework that highlights the relationships between perception and memory, language and mental representation, reasoning and motivation, emotion and cognition, autonomy and social behavior. It is, however, unfortunate that PSI's origin in psychology, its methodology, and its lack of documentation have limited its impact. The proposed book adapts Psi theory to cognitive science and artificial intelligence, by elucidating both its theoretical and technical frameworks, and clarifying its contribution to how we have come to understand cognition.

University Physics - Samuel J. Ling 2017-12-19
University Physics is designed for the two- or three-semester calculus-based physics course. The text has been developed to meet the scope and sequence of most university physics courses and provides a foundation for a career in mathematics, science, or engineering. The book provides an important opportunity for students to learn the core concepts of physics and understand how those concepts apply to their lives and to the world around them. Due to the comprehensive nature of the material, we are offering the book in three volumes for flexibility and efficiency. Coverage and Scope Our University Physics textbook adheres to the scope and sequence of most two- and three-semester physics courses nationwide. We have worked to make physics interesting and accessible to students while maintaining the mathematical rigor inherent in the subject. With this objective in mind, the content of this textbook has been developed and arranged to provide a logical progression from fundamental to more advanced concepts, building upon what students have already learned and emphasizing connections between topics and between theory and applications. The goal of each section is to enable students not just to recognize concepts, but to work with them in ways that will be useful in later courses and future careers. The organization and pedagogical features were developed and vetted with feedback from science educators dedicated to the project. VOLUME I Unit 1: Mechanics Chapter 1: Units and Measurement Chapter 2: Vectors Chapter 3: Motion Along a Straight Line Chapter 4: Motion in Two and Three Dimensions Chapter 5: Newton's Laws of Motion Chapter 6: Applications of Newton's Laws Chapter 7: Work and Kinetic Energy Chapter 8: Potential Energy and Conservation of Energy Chapter 9: Linear Momentum and Collisions Chapter 10: Fixed-Axis Rotation Chapter 11: Angular Momentum Chapter 12: Static Equilibrium and Elasticity Chapter 13: Gravitation Chapter 14: Fluid Mechanics Unit 2: Waves and Acoustics Chapter 15: Oscillations Chapter 16: Waves Chapter 17: Sound

Promoting Health, Preventing Disease The Economic Case - OECD 2015-10-29
A growing body of evidence from economic studies shows areas where appropriate policies can generate health and other benefits at an affordable cost, sometimes reducing health expenditure and helping to redress health inequalities at the same time.

The Origin of Wealth - Eric D. Beinhocker 2006
Beinhocker has written this work in order to introduce a broad audience to what he believes is a revolutionary new paradigm in economics and its implications for our understanding of the creation of wealth. He describes how the growing field of complexity theory allows for evolutionary understanding of wealth creation, in which business designs co-evolve with the evolution of technologies and organizational innovations. In addition to giving his audience a tour of this field of complexity economics, he discusses its implications for real-world issues of business.