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KEY=MANUAL - PRESTON BOND

SQL Bootcamp

Learn the Basics of SQL Programming in 2 Weeks

Createspace Independent Publishing Platform Want To Master The Basics Of SQL Programming In A Short Period? If so, you're in the right place! This book is exactly what you need. Plus FREE Bonus Material. If you've wanted to learn how to program using SQL you have probably thought it was a difficult and long process. This is actually not the case at all. SQL can be an extremely easy and straightforward process. The days of searching countless websites to find what you're looking for are over. With this book you will have everything you could possibly need, all in one place! What This Book Will Give You: SQL Basics For Beginners This book will take the process of programming and break it down into straightforward simple steps that anyone can follow along to. The Different Types Of Data This book will present all of the important data you need to know and will walk you through how to use it. The Common Errors This book will show

you the most common errors you will experience and how to fix them and avoid them all together. What You Will Learn: The basics of SQL Normal vs Interactive mode How to create programs What are variables and strings How to use variables and strings The fundamental concepts SQL sequences What are lists The different types of data Mutable and immutable objects The most common errors and how to handle them And much more! All of this information will be presented to you in easy to understand, straightforward steps. For anyone starting out, this is your best option to learn SQL in a quick period of time. Try it out for yourself. You won't be disappointed. Now it's time for you to start your journey into SQL programming! Click on the Buy Now button above and get started today! I look forward to hearing about your success!

How to Program Alexa

Step-By-Step Guide to Programming Your Amazon Echo Dot and Alexa App for Exciting New Skills

Createspace Independent Publishing Platform Get the Most Comprehensive User Guide on Programming your Alexa App and Amazon Echo Dot! The days of arguing with friends and family over who the lead actor in a movie was are gone. Extinct is the era of using search engines to find quick answers to burning questions-Because NOW Alexa is here to make life simpler and more convenient for you than ever before! In this user guide you'll discover a plethora of skills and commands to program Alexa with that'll give you the most human-like version of a smart device to date. I'm going to walk you through, step-by-step, the simple yet genius little hacks to give your Echo Dot "new" life. You'll discover how to make Alexa smarter, more intuitive, and sharper than a Beagle's sense of smell. I'm going to show you the newest programming skills for your Amazon Echo Dot-skills you can easily learn in a single afternoon! Download this Slick little Guide today and Discover: How to get up-to-the-minute news and global reporting How to program Alexa to teach you about ancient civilizations, pop culture, famous literature etc. How to make Alexa check your bank statement or credit report How to have Alexa update you on your cars maintenance schedule, fuel level, and overall vehicle conditions How to do proper voice training with Alexa so she can be there at your bequest How to program to-do lists How to program shopping and grocery lists How to program Alexa to play your favorite music How to have

Alexa help you with all of your social media How to have Alexa solve math problems for you How to have Alexa check your messages How to have Alexa work with your kitchen and household And much, much more! Grab this guide now if you want to learn skills than many people still don't know about. By the time your through you'll be a master of the Amazon Echo Dot. And after this, you're friends and family will be so impressed, they'll be begging you to help them with their own smart devices. So Download this Book Today and Discover All the Amazing Benefits of Alexa and The Amazon Echo!

The Coding Manual for Qualitative Researchers

SAGE The Second Edition of Johnny Saldaña's international bestseller provides an in-depth guide to the multiple approaches available for coding qualitative data. Fully up to date, it includes new chapters, more coding techniques and an additional glossary. Clear, practical and authoritative, the book: -describes how coding initiates qualitative data analysis -demonstrates the writing of analytic memos -discusses available analytic software -suggests how best to use The Coding Manual for Qualitative Researchers for particular studies. In total, 32 coding methods are profiled that can be applied to a range of research genres from grounded theory to phenomenology to narrative inquiry. For each approach, Saldaña discusses the method's origins, a description of the method, practical applications, and a clearly illustrated example with analytic follow-up. A unique and invaluable reference for students, teachers, and practitioners of qualitative inquiry, this book is essential reading across the social sciences.

Code Complete

Pearson Education Widely considered one of the best practical guides to programming, Steve McConnell's original CODE COMPLETE has been helping developers write better software for more than a decade. Now this classic book has been fully updated and revised with leading-edge practices—and hundreds of new code samples—illustrating the art and science of software construction. Capturing the body of knowledge available from research, academia, and everyday commercial practice, McConnell synthesizes the most effective techniques and must-know principles into clear, pragmatic guidance. No matter what your experience level, development environment, or project size, this book will inform and stimulate your thinking—and help you build the highest quality code. Discover the timeless techniques and strategies that help you: Design for minimum complexity and maximum creativity Reap the benefits of

collaborative development Apply defensive programming techniques to reduce and flush out errors Exploit opportunities to refactor—or evolve—code, and do it safely Use construction practices that are right-weight for your project Debug problems quickly and effectively Resolve critical construction issues early and correctly Build quality into the beginning, middle, and end of your project

SAS Programming in the Pharmaceutical Industry

Sas Inst This real-world reference for clinical trial SAS programming is packed with solutions that can be applied day-to-day problems. Organized to reflect the statistical programmers workflow, this user-friendly text begins with an introduction to the working environment, then presents chapters on importing and massaging data into analysis data sets, producing clinical trial output, and exporting data.

Scientific Computation

Python Hacking for Math Junkies

Corrected and revised with additional material. Computers are wonderful things. They improve our lives and produce works of art. Information and communication are free and available in ways that were undreamed of by many a generation ago. And yet computers inspire fear when they are used improperly or misunderstood. Everyone uses computers today. The typical student uses at least three: a portable notebook computer, a tablet, and a cell phone. None of these even existed before this year's college graduating class was born. So a reasonable amount of computer literacy is expected of everyone these days. Though inspired by mathematics, much of the mathematical beauty of computation is largely ignored by both elementary computer science and introductory programming books. This book is designed to help math junkies - anyone who likes math, studies math, or uses math in their daily life - learn about computation. The emphasis is on algorithms. It is appropriate for students with no prior programming experience as well as professional scientists. Contents: Python programs, iPython notebooks, expressions, statements, types, lists, arrays, functions, classes, plotting, list comprehension, recursion. Applications include linear systems, computational geometry, root finding, interpolation, polynomial least squares, discrete systems, differential equations, principal

component analysis, singular value decomposition, fractals, chaos, and satellite orbit propagation. Also covers numpy, plotting with pyplot, and basics maps with basemap. Now includes more than 200 exercises for students. Target audience: undergraduate math and science students entering their upper level curriculum. Calculus and some linear algebra background is helpful; a review of linear algebra is included as an appendix. No prior programming experience is expected

Visualization-Creating Your Own Universe

An Overview of Human Potential The quintessence and expansion of his Essays. Stan Kapuscinski draws on his extensive experience to share with us his unique perspective on the world we live in. He asserts his Perception of Reality in terms of historical, sociological, religious, scientific and philosophical context. This book will help you stand on your own feet with such confidence that nothing will ever upset your balance. Excerpts from 5 Star Reviews: "The more one reads Stanislaw Kapuscinski, the more convincing he becomes. Not that he tries to convince you... He merely states, clearly, what his view of reality is, and, lo and behold, with each sentence it seems to make more and more sense. What an extraordinary man!" (Marvin D. Clark, Smashwords) ..".The Bibliography at the end of this book is a living testament to the author's desire to master the secrets of reality." (Bahdan Czytelnik, Poland) ..".I strongly recommend it to all who pride themselves in having an open mind." (Anetta Bach, Smashwords) ..".If this book doesn't waken you from your mental abnegation of truth perceived by your mind, (not just your senses), nothing will. Or, perhaps, you already live in a universe of your own making? Highly recommended!" (Adam Kerry, Smashwords) ..".The philosophy Kapuscinski developed here, seems to permeate all his novels. And... I am awfully glad it does!" (Hanna, Smashwords)

Essentials of Metaheuristics (Second Edition)

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.

Changing the Course of Destruction

Listening to Understand Each Other In-Depth Promotes Peace

Createspace Independent Publishing Platform Conflicts, wars, catastrophic climate change and poverty are leading to our destruction. We are not evil people. We just "do not know what we do." To change the course of destruction we need to nurture in each one of us a sense of interconnectedness of life on this planet. We need to understand the position of a person we have differences with. Instead of focusing on what they say or how they behave, we need to explore where they are coming from, their frame of reference, the facts they use, the impact of history, the influence of their vested interest and the context of the system they are a part of. We need to learn to listen to each other with loving investment and compassionate exploration. By detaching from from our programming and preconceived positions, we can develop a deeper understanding of each other that brings us closer. This book explores these issues by reviewing catastrophic events in human history, such as the Partition of India, Hitler's Germany and Nine-Eleven. Change Agents, such as community psychologists, psychiatrists, nurses, social workers and organizational development consultants; spiritual leaders; academicians; politicians; and CEOs of business organizations and banks may be particularly interested in reading this book. The only way to have peace is to listen to each other. If people are just trying to convince each other, there will be no peace.

Four Pillars of Destiny

Potential, Career, and Wealth

iUniverse Why is it so easy for certain people to obtain success in their career? This guide seeks to enhance your understanding of the potential and capabilities given to us at birth. Trapped inside of you, waiting to be realised, is an incredible potential. Using the year, month, day, and hour of your birth, you can use the ancient Chinese astrological method of Four Pillars to systematically map out the blueprint of your life in matters of health, wealth, career, love, and happiness. Learn how the five-element theory, cosmic flow, combinations, the Ten Gods, and special stars pertain to the context of your career, potential, and wealth. Grounded in real-life case studies, the influence of cosmic energy on your choice of career and many aspects of life is explained. This manual also teaches you how to interpret the indicators in your life so you'll know when to take risks-and when you should be conservative. Have you ever wondered just how energy factors into your choices? And how you should choose a career that will truly fulfill your interests, skills, and talents? You will learn to see the crucial role that energy and flow play in creating opportunities for success, timing of investments, and job satisfaction.

The Psychic Life of Power

Theories in Subjection

Stanford University Press Judith Butler's new book considers the way in which psychic life is generated by the social operation of power, and how that social operation of power is concealed and fortified by the psyche that it produces. It combines social theory, philosophy, and psychoanalysis in novel ways, and offers a more sustained analysis of the theory of subject formation implicit in her previous books.

Rapid Development with Adobe Captivate 5 for Windows

CreateSpace Learning professionals (like you) are under constant pressure to produce eLearning materials in shorter and shorter timeframes. On top of all that, you need to build in time to look at new eLearning development tools and evaluate new ways to improve your development processes. With all of this pressure, when will you ever find the time to learn Adobe's latest edition of Captivate? Answer: Right now. Welcome to Rapid Development with Adobe Captivate 5 for Windows! We aim to provide you with Just Enough information to start your project, animate it, and publish it with professional-caliber results. As multimedia instructional designers in a major corporation, the authors know how hard it can be to learn new software. We also know that programs like Captivate 5 can help you reduce your eLearning development and production time. Our book is full of settings, examples, ideas, and processes that can help you save time and minimize your development efforts. With the professional tips, tricks, and 508 Accessibility information in this book, you will be rapidly developing eLearning with Adobe Captivate 5 for Windows in no time!

Guide to the Software Engineering Body of Knowledge (Swebok(r))

Version 3.0

In the Guide to the Software Engineering Body of Knowledge (SWEBOK(R) Guide), the IEEE Computer Society establishes a baseline for the body of knowledge for the field of software engineering, and the work supports the Society's responsibility to promote the advancement of both theory and practice in this field. It should be noted that the Guide does not purport to define the body of knowledge but rather to serve as a compendium and guide to the knowledge that has been developing and evolving over the past four decades. Now in Version 3.0, the Guide's 15 knowledge areas summarize generally accepted topics and list references for detailed information. The editors for Version 3.0 of the SWEBOK(R) Guide are Pierre Bourque (Ecole de technologie superieure (ETS), Universite du Quebec) and Richard E. (Dick) Fairley (Software and Systems Engineering Associates (S2EA)).

The Most Dangerous Game by Richard Connell or The Hounds of Zaroff | Alltime Bestseller Book From the Author of Books Like: The Sin of Monsieur Pettipon, and Other Humorous Tales / El malvado Zaroff / Delitto in mare / What Ho!

The Sin of Monsieur Pettipon / Apes And Angels / From Observables to Unobservables in Science and Philosophy / The Mad Lover

BEYOND BOOKS HUB From the Author of Books Like: 1. The Sin of Monsieur Pettipon, and Other Humorous Tales 2. El malvado Zaroff 3. Delitto in mare 4. What Ho! 5. The Sin of Monsieur Pettipon 6. Apes And Angels 7. From Observables to Unobservables in Science and Philosophy 8. The Mad Lover About the Book: The Most Dangerous Game, also published as The Hounds of Zaroff, is a short story by Richard Connell first published in Collier's magazine on January 19, 1924. It features a big-game hunter from New York who falls off a yacht and swims to an isolated island in the Caribbean where he is hunted by a Cossack aristocrat. The story is an adaptation of the big-game hunting safaris in Africa and South America that were fashionable among wealthy Americans in the 1920s. Big-game hunter Sanger Rainsford and his friend, Whitney, are traveling to the Amazon rainforest for a jaguar hunt. After a discussion about how they are "the hunters" instead of "the hunted," Whitney goes to bed and Rainsford hears gunshots. He climbs onto

the yacht's rail and accidentally falls overboard, swimming to Ship-Trap Island, which is notorious for shipwrecks. On the island, he finds a palatial chateau inhabited by two Cossacks: the owner, General Zaroff, and his gigantic deaf-mute servant, Ivan. Zaroff, another big-game hunter, knows of Rainsford from his published account of hunting snow leopards in Tibet. Over dinner, the middle-aged Zaroff explains that although he has been hunting animals since he was a boy, he has decided that killing big-game has become boring for him, so after escaping the Russian Revolution he moved to Ship-Trap Island and set it up to trick ships into wrecking themselves on the jagged rocks that surround it. He takes the survivors captive and hunts them for sport, giving them food, clothing, a knife, and a three-hour head start, and using only a small-caliber pistol for himself. Any captives who can elude Zaroff, Ivan, and a pack of hunting dogs for three days are set free. He reveals that he has won every hunt to date. Captives are offered a choice between being hunted or turned over to Ivan, who once served as official knouter for The Great White Czar. Rainsford denounces the hunt as barbarism, but Zaroff replies by claiming that "life is for the strong." Realizing he has no way out, Rainsford reluctantly agrees to be hunted. During his head start, Rainsford lays an intricate trail in the forest and then climbs a tree. Zaroff finds him easily, but decides to play with him as a cat would with a mouse, standing underneath the tree Rainsford is hiding in, smoking a cigarette, and then abruptly departing. After the failed attempt at eluding Zaroff, Rainsford builds a Malay man-catcher, a weighted log attached to a trigger. This contraption injures Zaroff's shoulder, causing him to return home for the night, but he shouts his respect for the trap before departing. The next day Rainsford creates a Burmese tiger pit, which kills one of Zaroff's hounds. He sacrifices his knife and ties it to a sapling to make another trap, which kills Ivan when he stumbles into it. To escape Zaroff and his approaching hounds, Rainsford dives off a cliff into the sea; Zaroff, disappointed at Rainsford's apparent suicide, returns home. Zaroff smokes a pipe by his fireplace, but two issues keep him from the peace of mind: the difficulty of replacing Ivan and the uncertainty of whether Rainsford perished in his dive. About the Author : Richard Edward Connell, Jr. was an American author and journalist, best known for his short story "The Most Dangerous Game." Connell was one of the best-known American short story writers of his time and his stories appeared in the Saturday Evening Post and Collier's Weekly. Connell had equal success as a journalist and screenwriter. He was nominated for an Academy Award in 1942 for best original story for the film Meet John Doe.

Netopia

Createspace Independent Publishing Platform The perfect reality is just a thought away, but it comes at a chilling price. In a near future world, a social network by the name of MINDS gifts its users with the unique ability to communicate directly by thoughts and recreate reality by their deepest fantasies and desires. In the MINDS network, desires are actualized in a spilt of a second and unwanted elements erased from reality. The advanced algorithms of MINDS enable the user to virtually visit any place in the world or in history within seconds, in an utterly realistic three-dimensional reality. Humans can use their mind to determine everything they please - from the weather to the way their friends look like and behave. But the ultimate comfort comes at a price, and the unexpected results reveal the grand plan behind MINDS. What stands behind this magnificent social network, and what are the consequences when the virtual merges with the actual? Netopia follows the heroes of the network in the days before its establishment, through its launch, relationships and love, and the unexpected change it wreaks on the enthusiastic users who had no idea what awaited them the moment they gave up control over their minds. Is the MINDS network a dream come true or a nightmare come to life? Netopia is beyond science fiction: it is a groundbreaking novel that explores the implications of communication technology on human nature and society, the preference of warmth for realistic animal doll pets but coldness towards humans. the novel speaks to the connected and to the disconnected, to the great minds and the Neverminds. Netopia is a gleaming hope and a dark warning. So, where is your mind? Scroll up to grab your copy now.

Epi Info and OpenEpi in Epidemiology and Clinical Medicine

Health Applications of Free Software

Createspace Independent Pub Epi Info is a free computer program from the Centers for Disease Control and Prevention(CDC), downloaded 2 million times since 1998, and referred to in over 1 million web pages. It allows anyone

with a computer to design a questionnaire, enter data, and do tabulation and statistical analysis. This book tells how to use Epi Info for rapid surveys and research studies and for constructing electronic medical records, public health surveillance systems. graphs, and maps. Sample programs can be downloaded from the web.

The Universal Machine

From the Dawn of Computing to Digital Consciousness

Springer Science & Business Media The computer unlike other inventions is universal; you can use a computer for many tasks: writing, composing music, designing buildings, creating movies, inhabiting virtual worlds, communicating... This popular science history isn't just about technology but introduces the pioneers: Babbage, Turing, Apple's Wozniak and Jobs, Bill Gates, Tim Berners-Lee, Mark Zuckerberg. This story is about people and the changes computers have caused. In the future ubiquitous computing, AI, quantum and molecular computing could even make us immortal. The computer has been a radical invention. In less than a single human life computers are transforming economies and societies like no human invention before.

JavaScript for Absolute Beginners

Apress If you are new to both JavaScript and programming, this hands-on book is for you. Rather than staring blankly at gobbledygook, you'll explore JavaScript by entering and running hundreds of code samples in Firebug, a free JavaScript debugger. Then in the last two chapters, you'll leave the safety of Firebug and hand-code an uber cool JavaScript application in your preferred text editor. Written in a friendly, engaging narrative style, this innovative JavaScript tutorial covers the following essentials: Core JavaScript syntax, such as value types, operators, expressions, and statements provided by ECMAScript. Features for manipulating XHTML, CSS, and events provided by DOM. Object-oriented JavaScript, including prototypal and classical inheritance, deep copy, and mixins. Closure, lazy loading, advance conditional loading, chaining, currying, memoization, modules, callbacks, recursion, and other powerful function techniques. Encoding data with JSON or XML. Remote scripting with JSON-P or XMLHttpRequest Drag-and-drop, animated scrollers, skin swappers, and other cool behaviors. Optimizations to ensure your scripts run snappy.

Formatting and naming conventions to prevent you from looking like a greenhorn. New ECMAScript 5, DOM 3, and HTML 5 features such as `Object.create()`, `Function.prototype.bind()`, strict mode, `querySelector()`, `querySelectorAll()`, and `getElementsByClassName()`. As you can see, due to its fresh approach, this book is by no means watered down. Therefore, over the course of your journey, you will go from JavaScript beginner to wizard, acquiring the skills recruiters desire.

A Comprehensive Guide to Mergers & Acquisitions Managing the Critical Success Factors Across Every Stage of the M&A Process

Pearson Education Leverage today's most complete and practical framework for driving superior business value from mergers and acquisitions -- both domestic and international. A Comprehensive Guide to Mergers and Acquisitions Management focuses on critical success factors across every stage of the process, including planning, screening, negotiation, due diligence, transition management structures, post-merger integration, leadership and trust, cultural integration, HR practices, control, monitoring, and more. Authored by Yaakov Weber, an international expert in M&A management, strategic alliances, and strategic management, this book's uniquely interdisciplinary approach fully addresses both operational and cultural requirements, supporting participants in every role. Replete with recent examples and cases, it pays special attention to crucial strategic and behavioral linkages between pre- and post-merger stages, explaining why they are so important and how they can be managed to create maximum value. Throughout, Weber provides practical tools, tables, and figures that can help M&A implementers ensure best performance and achieve success where others have failed. As just one example, he provides proven instruments for analyzing cultural differences and the potential for synergy, and translating that potential into reality. For multiple audiences, including board members and top executives who must evaluate the strategic and financial issues associated with M&A; investment bankers, VCs, and other investors who must screen and select acquisitions; managers who must execute business combinations; consultants in strategy, HR, culture, and other areas; and faculty and students in executive education, MBA, and BA-level business programs.

Excel VBA

For Non-Programmers

CreateSpace Microsoft Excel has, over the years, become the greatest software in the field of electronic worksheets. Its strength is that it meets the demands of huge numbers of users worldwide. Nonetheless - despite the advancement and expanding use of this software - there is ever-increasing demand from the end users; much of which can only be solved by VBA programming (Visual Basic for Applications). Therefore, "Excel VBA - In Everyday Language" was written in order to provide a response to the growing demand for the advanced capabilities of Microsoft Excel. This book was written:

- * For the "non-programmers" among us who have to create the same reports in Microsoft Excel time and again, and would like to automate the process.
- * For people who wish to develop forms, screens and "machines" for data management within their organization.
- * For individuals who wish to turn Microsoft Excel into a powerful tool in their daily work.

During the writing process I tried to visualize Microsoft Excel software and the VB editor through the eyes of the end users; people who may not have programming background, but aspire to reap the utmost from the program. For this reason the book, based on many years' of experience in programming and training, has been written in everyday language, using as few technical terms as possible, to make for easy reading. My goal, when writing this book, was to convey the main principles of VBA language and allow beginners, taking their first steps, to learn without requiring individual training. For this purpose there are files of exercises accompanying the book. These may be downloaded from this link. The exercise files are in .xls format, allowing the end users to use either the "Ribbon Versions" (2007 and higher) or other older versions of Microsoft Excel. This new edition has undergone extensive processing and addresses Microsoft Excel 2010/2013 users, along with explanations for anyone using the older versions (2003 and 2007). Therefore, wherever there is a significant difference between Excel 2010/2013 and the old versions, explanations are provided in full. While reading the book and using the practice files, you will know to:

- * Add the Developer Tab
- * Change Excel's security, Including trusted locations
- * Enter the VBE (Visual Basic Editor)
- * Change the VBE structure
- * Record an absolute macro
- * Record a relative macro
- * Improve your recorded macro
- * Apply to ranges (Cells, ranges, columns, rows, sheets, offset)
- * Use Variables
- * Use the 'With' command
- * Manipulate strings
- * Calculate Date and Time
- * Interact with the user (Msgbox and Inputbox)
- * Use conditions (IF)
- * Loop through data (Do

loops, For loops) * Create your own functions (UDF) * Create an Event macro * Handle Errors You will also learn some cool tips and tricks, and get some useful codes

The Man Who Sent the SOS

A Memoir of Reincarnation and the Titanic

e-Learning and the Science of Instruction

Proven Guidelines for Consumers and Designers of Multimedia Learning

John Wiley & Sons The essential e-learning design manual, updated with the latest research, design principles, and examples e-Learning and the Science of Instruction is the ultimate handbook for evidence-based e-learning design. Since the first edition of this book, e-learning has grown to account for at least 40% of all training delivery media. However, digital courses often fail to reach their potential for learning effectiveness and efficiency. This guide provides research-based guidelines on how best to present content with text, graphics, and audio as well as the conditions under which those guidelines are most effective. This updated fourth edition describes the guidelines, psychology, and applications for ways to improve learning through personalization techniques, coherence, animations, and a new chapter on evidence-based game design. The chapter on the Cognitive Theory of Multimedia Learning introduces three forms of cognitive load which are revisited throughout each chapter as the psychological basis for chapter principles. A new chapter on engagement in learning lays the groundwork for in-depth reviews of how to leverage worked examples, practice, online collaboration, and learner control to optimize learning. The updated instructor's materials include a syllabus, assignments, storyboard projects, and test items that you can adapt to your own course schedule and students. Co-authored by the most productive instructional research scientist in the world, Dr. Richard E. Mayer,

this book distills copious e-learning research into a practical manual for improving learning through optimal design and delivery. Get up to date on the latest e-learning research Adopt best practices for communicating information effectively Use evidence-based techniques to engage your learners Replace popular instructional ideas, such as learning styles with evidence-based guidelines Apply evidence-based design techniques to optimize learning games e-Learning continues to grow as an alternative or adjunct to the classroom, and correspondingly, has become a focus among researchers in learning-related fields. New findings from research laboratories can inform the design and development of e-learning. However, much of this research published in technical journals is inaccessible to those who actually design e-learning material. By collecting the latest evidence into a single volume and translating the theoretical into the practical, e-Learning and the Science of Instruction has become an essential resource for consumers and designers of multimedia learning.

Science for Policy Handbook

Elsevier Science for Policy Handbook provides advice on how to bring science to the attention of policymakers. This resource is dedicated to researchers and research organizations aiming to achieve policy impacts. The book includes lessons learned along the way, advice on new skills, practices for individual researchers, elements necessary for institutional change, and knowledge areas and processes in which to invest. It puts co-creation at the centre of Science for Policy 2.0, a more integrated model of knowledge-policy relationship. Covers the vital area of science for policymaking Includes contributions from leading practitioners from the Joint Research Centre/European Commission Provides key skills based on the science-policy interface needed for effective evidence-informed policymaking Presents processes of knowledge production relevant for a more holistic science-policy relationship, along with the types of knowledge that are useful in policymaking

Letters on Demonology and Witchcraft

Logic and Critical Reasoning

Applied Mathematics for Personal Finance

Draft Edition Winter 2015

CreateSpace Applied Mathematics for Personal Finance provides a general introduction to the ways that mathematics can be applied to personal financial decision-making. This book is suitable for college students with no previous background in economics or finance; only familiarity with high school algebra is assumed. This book demonstrates how you can utilize math skills you already know in application areas that may be unfamiliar; it also introduces some new math skills that you can apply to familiar problems. The book emphasizes the development and application of the economic life-cycle model as the framework for evaluating all of your personal financial decisions. Economists, including six Nobel Laureates, have spent close to a century developing the concept of life-cycle consumption smoothing. "Smoothing" refers to the need to spread your economic resources over your lifetime, taking into account that your future is highly uncertain.

Sonic Experience

A Guide to Everyday Sounds

McGill-Queen's Press - MQUP Never before has the everyday soundtrack of urban space been so cacophonous. Since the 1970s, sound researchers have attempted to classify noise, music, and everyday sounds using concepts such as Pierre Schafer's sound object and R. Murray Schafer's soundscape. Recently, the most significant team of soundscape researchers in the world has been concerned with the effects of sounds on listeners.

Software Studies

A Lexicon

MIT Press This collection of short expository, critical and speculative texts offers a field guide to the cultural, political, social and aesthetic impact of software. Experts from a range of disciplines each take a key topic in software and the understanding of software, such as algorithms and logical structures.

Clinical Informatics Study Guide

Text and Review

Springer This books provides content that arms clinicians with the core knowledge and competencies necessary to be effective informatics leaders in health care organizations. The content is drawn from the areas recognized by the American Council on Graduate Medical Education (ACGME) as necessary to prepare physicians to become Board Certified in Clinical Informatics. Clinical informaticians transform health care by analyzing, designing, selecting, implementing, managing, and evaluating information and communication technologies (ICT) that enhance individual and population health outcomes, improve patient care processes, and strengthen the clinician-patient relationship. As the specialty grows, the content in this book covers areas useful to nurses, pharmacists, and information science graduate students in clinical/health informatics programs. These core competencies for clinical informatics are needed by all those who lead and manage ICT in health organizations, and there are likely to be future professional certifications that require the content in this text.

Mathematics and Computation

A Theory Revolutionizing Technology and Science

Princeton University Press An introduction to computational complexity theory, its connections and interactions with mathematics, and its central role in the natural and social sciences, technology, and philosophy **Mathematics and Computation** provides a broad, conceptual overview of computational complexity theory—the mathematical study of efficient computation. With important practical applications to computer science and industry, computational complexity theory has evolved into a highly interdisciplinary field, with strong links to most mathematical areas and to a growing number of scientific endeavors. Avi Wigderson takes a sweeping survey of complexity theory, emphasizing the field's insights and challenges. He explains the ideas and motivations leading to key models, notions, and results. In particular, he looks at algorithms and complexity, computations and proofs, randomness and interaction, quantum and arithmetic computation, and cryptography and learning, all as parts of a cohesive whole with numerous cross-influences. Wigderson illustrates the immense breadth of the field, its beauty and richness, and its diverse and growing interactions with other areas of mathematics. He ends with a comprehensive look at the theory of computation, its methodology and aspirations, and the unique and fundamental ways in which it has shaped and will further shape science, technology, and society. For further reading, an extensive bibliography is provided for all topics covered. **Mathematics and Computation** is useful for undergraduate and graduate students in mathematics, computer science, and related fields, as well as researchers and teachers in these fields. Many parts require little background, and serve as an invitation to newcomers seeking an introduction to the theory of computation. Comprehensive coverage of computational complexity theory, and beyond High-level, intuitive exposition, which brings conceptual clarity to this central and dynamic scientific discipline Historical accounts of the evolution and motivations of central concepts and models A broad view of the theory of computation's influence on science, technology, and society Extensive bibliography

Code Complete, 2nd Edition

Widely considered one of the best practical guides to programming, Steve McConnell's original **CODE COMPLETE** has been helping developers write better software for more than a decade. Now this classic book has been fully updated and revised with leading-edge practices—and hundreds of new code samples—illustrating the art and science of software

construction. Capturing the body of knowledge available from research, academia, and everyday commercial practice, McConnell synthesizes the most effective techniques and must-know principles into clear, pragmatic guidance. No matter what your experience level, development environment, or project size, this book will inform and stimulate your thinking-and help you build the highest quality code.

Bioinformatics

A Practical Guide to the Analysis of Genes and Proteins

John Wiley & Sons "In this book, Andy Baxevanis and Francis Ouellette . . . have undertaken the difficult task of organizing the knowledge in this field in a logical progression and presenting it in a digestible form. And they have done an excellent job. This fine text will make a major impact on biological research and, in turn, on progress in biomedicine. We are all in their debt." —Eric Lander from the Foreword Reviews from the First Edition "...provides a broad overview of the basic tools for sequence analysis ... For biologists approaching this subject for the first time, it will be a very useful handbook to keep on the shelf after the first reading, close to the computer." —Nature Structural Biology "...should be in the personal library of any biologist who uses the Internet for the analysis of DNA and protein sequence data." —Science "...a wonderful primer designed to navigate the novice through the intricacies of in scripto analysis ... The accomplished gene researcher will also find this book a useful addition to their library ... an excellent reference to the principles of bioinformatics." —Trends in Biochemical Sciences This new edition of the highly successful *Bioinformatics: A Practical Guide to the Analysis of Genes and Proteins* provides a sound foundation of basic concepts, with practical discussions and comparisons of both computational tools and databases relevant to biological research. Equipping biologists with the modern tools necessary to solve practical problems in sequence data analysis, the Second Edition covers the broad spectrum of topics in bioinformatics, ranging from Internet concepts to predictive algorithms used on sequence, structure, and expression data. With chapters written by experts in the field, this up-to-date reference thoroughly covers vital concepts and is appropriate for both the novice and the experienced practitioner. Written in clear, simple language, the book is accessible to users without an advanced mathematical or computer science background. This new edition includes: All new end-of-chapter Web resources, bibliographies, and problem sets Accompanying Web site containing the answers to the problems, as well as links to relevant Web

resources New coverage of comparative genomics, large-scale genomeanalysis, sequence assembly, and expressed sequence tags A glossary of commonly used terms in bioinformatics andgenomics **Bioinformatics: A Practical Guide to the Analysis of Genesand Proteins, Second Edition** is essential reading forresearchers, instructors, and students of all levels in molecularbiology and bioinformatics, as well as for investigators involvedin genomics, positional cloning, clinical research, andcomputational biology.

The Language Instinct

How The Mind Creates Language

Harper Collins The classic book on the development of human language by the world's leading expert on language and the mind. In this classic, the world's expert on language and mind lucidly explains everything you always wanted to know about language: how it works, how children learn it, how it changes, how the brain computes it, and how it evolved. With deft use of examples of humor and wordplay, Steven Pinker weaves our vast knowledge of language into a compelling story: language is a human instinct, wired into our brains by evolution. The Language Instinct received the William James Book Prize from the American Psychological Association and the Public Interest Award from the Linguistics Society of America. This edition includes an update on advances in the science of language since The Language Instinct was first published.

From Poverty to Power

How Active Citizens and Effective States Can Change the World

Oxfam Offers a look at the causes and effects of poverty and inequality, as well as the possible solutions. This title features research, human stories, statistics, and compelling arguments. It discusses about the world we live in and

how we can make it a better place.

Introduction to Storage Area Networks

IBM Redbooks The superabundance of data that is created by today's businesses is making storage a strategic investment priority for companies of all sizes. As storage takes precedence, the following major initiatives emerge: **Flatten and converge your network:** IBM® takes an open, standards-based approach to implement the latest advances in the flat, converged data center network designs of today. **IBM Storage solutions** enable clients to deploy a high-speed, low-latency Unified Fabric Architecture. **Optimize and automate virtualization:** Advanced virtualization awareness reduces the cost and complexity of deploying physical and virtual data center infrastructure. **Simplify management:** IBM data center networks are easy to deploy, maintain, scale, and virtualize, delivering the foundation of consolidated operations for dynamic infrastructure management. Storage is no longer an afterthought. Too much is at stake. Companies are searching for more ways to efficiently manage expanding volumes of data, and to make that data accessible throughout the enterprise. This demand is propelling the move of storage into the network. Also, the increasing complexity of managing large numbers of storage devices and vast amounts of data is driving greater business value into software and services. With current estimates of the amount of data to be managed and made available increasing at 60% each year, this outlook is where a storage area network (SAN) enters the arena. SANs are the leading storage infrastructure for the global economy of today. SANs offer simplified storage management, scalability, flexibility, and availability; and improved data access, movement, and backup. Welcome to the cognitive era. The smarter data center with the improved economics of IT can be achieved by connecting servers and storage with a high-speed and intelligent network fabric. A smarter data center that hosts IBM Storage solutions can provide an environment that is smarter, faster, greener, open, and easy to manage. This IBM® Redbooks® publication provides an introduction to SAN and Ethernet networking, and how these networks help to achieve a smarter data center. This book is intended for people who are not very familiar with IT, or who are just starting out in the IT world.

The SAGE Handbook of Intercultural Competence

SAGE Bringing together leading experts and scholars from around the world, this Handbook provides a comprehensive overview of the latest theories and research on intercultural competence. It will be a useful and invaluable resource to

administrators, faculty, researchers, and students.

What Technology Wants

Penguin From the author of the New York Times bestseller *The Inevitable*— a sweeping vision of technology as a living force that can expand our individual potential In this provocative book, one of today's most respected thinkers turns the conversation about technology on its head by viewing technology as a natural system, an extension of biological evolution. By mapping the behavior of life, we paradoxically get a glimpse at where technology is headed-or "what it wants." Kevin Kelly offers a dozen trajectories in the coming decades for this near-living system. And as we align ourselves with technology's agenda, we can capture its colossal potential. This visionary and optimistic book explores how technology gives our lives greater meaning and is a must-read for anyone curious about the future.

Moving

A Novel

How Change Happens

Oxford University Press Society is full of would-be 'change agents'-campaigners, government officials, enlightened business people, engaged intellectuals-set on improving public services, reforming laws and regulations, guaranteeing human rights, achieving a fairer deal for those on the sharp end, and greater recognition for any number of issues. Drawing on many first-hand examples and numerous new case studies and interviews with grassroots activists and organizations around the world, as well as Oxfam's unrivalled global experience, this important book answers the question: how does change happen and how can we-governments, organizations, businesses, leaders, campaigners, employees, and ordinary citizens-make a difference?

Human Factors Considerations of Undergrounds in Insurgencies

Second Edition

Createspace Independent Publishing Platform From the preface: "The 1966 'Human Factors' edition focused on the contemporary threat of Maoist insurgencies, particularly in Southeast Asia, and also drew extensively on World War II resistance movements in Europe. Much of this information is still relevant and has been retained and integrated. In the post-Cold War world, the most important insurgencies tend to be ethnic and religious. Long-simmering conflicts, sometimes with roots in colonial policies, have become prominent; examples include the Liberation Tigers of Tamil Eelam (LTTE) in Sri Lanka, Euskadi Ta Askatasuna (Basque Homeland and Freedom or ETA) in Spain, the Hutu-Tutsi genocides, the Ushtria e Lirimitare e Kosovës (Kosovo Liberation Army, or KLA), and the Provisional Irish Republican Army (PIRA). Battle lines in these conflicts are often drawn along ethnic lines, even when land or politics are the immediate issues in contention. The other important new category is extremist religious movements, most prominently Islamic groups, including regional insurgent movements like Hizbollah and Harakat al-Muqawamah al'Islamiyyah (Islamic Resistance Movement, or HAMAS) and global movements like Al Qaeda. These present a different profile of ideology, organizational forms, and psychology than either Cold War Maoists or post-colonial ethnic insurgencies (although the Palestinian cause could be considered a post-colonial issue). Globalization has also changed underground operations in numerous ways. Insurgencies, enabled by low-cost transportation, Internet based communications, and other information technologies, can more easily recruit, communicate, and operate across borders. It is correspondingly much more difficult to contain an insurgency in a region. Global media has led to development of new tactics, in particular new types of terrorism, designed to capture worldwide attention. Compared with what was available in the 1960s, there are orders of magnitude more academic research available relevant to this study's topics. We were able to draw on more recent work in psychology, political science, economics, sociology, organizational studies, and communications studies. Readers of this edition will, over the course of eleven chapters, get a wide exposure to basic concepts from a number of disciplines".