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Programming in Lua **Deep Learning** Eloquent JavaScript *R for Data Science* **Ulysses KS3 English Complete Revision and Practice** *You Don't Know JS: Scope & Closures* **Learning Java Forecasting: principles and practice ggplot2 The World Book Encyclopedia The Rust Programming Language (Covers Rust 2018)** Middlemarch Pro Git *Reinforcement Learning, second edition* **The War of the Worlds Illustrated** *The Life You Can Save* **Introduction to Information Retrieval** An Introduction to Statistical Learning Physically Based Rendering *Elementary Korean* **Lectures On Computation** *The Linux Command Line* **The Founding Father's Papers** *THE GREAT GATSBY Phylogenetics* **Journalism Next: A Practical Guide to Digital Reporting and Publishing, 2nd Edition The King in Yellow** *Automate the Boring Stuff with Python, 2nd Edition* The Basics of Social Research *Causal Inference Information Theory, Inference and Learning Algorithms* **Invent Your Own Computer Games with Python, 4th Edition** Discrete Mathematics A HEAT TRANSFER TEXTBOOK *Mining of Massive Datasets* Introduction to Biomedical Data Science **Gray's Basic Anatomy - E-Book Drag Me Out Like a Lady JavaScript for Impatient Programmers**

The Basics of Social Research May 05 2020 A concise, affordable paperback research methods text from Earl Babbie, who defined how to teach the research methods course with the publication of THE PRACTICE OF SOCIAL RESEARCH. The streamlined Second Edition of THE BASICS OF SOCIAL RESEARCH emphasizes the fundamental concepts of both quantitative and qualitative research methods. Inductive chapter openings pose social research problems that are addressed and resolved in each chapter through the application of key chapter concepts. Each chapter contains detailed examples, and new sections on how to interpret the results of data analysis. The second edition features increased technology integration as well. SPSS, MicroCase, HyperResearch, and NVIVO statistical software examples are given throughout the text. Web icons indicate where practice exercises and tutorials are available on the companion web site. The text provides students with the necessary tools for understanding the basics of social research methods, and for applying these concepts both inside and outside the classroom. *Mining of Massive Datasets* Oct 29 2019 Now in its second edition, this book focuses on practical algorithms for mining data from even the largest datasets.

An Introduction to Statistical Learning Apr 15 2021 An Introduction to Statistical Learning provides an accessible overview of the field of statistical learning, an essential toolset for making sense of the vast and complex data sets that have emerged in fields ranging from biology to finance to marketing to astrophysics in the past twenty years. This book presents some of the most important modeling and prediction techniques, along with relevant applications. Topics include linear regression, classification, resampling methods, shrinkage approaches, tree-based methods, support vector machines, clustering, and more. Color graphics and real-

world examples are used to illustrate the methods presented. Since the goal of this textbook is to facilitate the use of these statistical learning techniques by practitioners in science, industry, and other fields, each chapter contains a tutorial on implementing the analyses and methods presented in R, an extremely popular open source statistical software platform. Two of the authors co-wrote The Elements of Statistical Learning (Hastie, Tibshirani and Friedman, 2nd edition 2009), a popular reference book for statistics and machine learning researchers. An Introduction to Statistical Learning covers many of the same topics, but at a level accessible to a much broader audience. This book is targeted at statisticians and non-statisticians alike who wish to use cutting-edge statistical learning techniques to analyze their data. The text assumes only a previous course in linear regression and no knowledge of matrix algebra.

Journalism Next: A Practical Guide to

Digital Reporting and Publishing, 2nd Edition Aug 08 2020 A revised and updated edition of this popular and practical guide to journalism in the digital age.

Automate the Boring Stuff with Python, 2nd Edition Jun 05 2020 The second edition of this best-selling Python book (over 500,000 copies sold!) uses Python 3 to teach even the technically uninclined how to write programs that do in minutes what would take hours to do by hand. There is no prior programming experience required and the book is loved by liberal arts majors and geeks alike. If you've ever spent hours renaming files or updating hundreds of spreadsheet cells, you know how tedious tasks like these can be. But what if you could have your computer do them for you? In this fully revised second edition of the best-selling classic Automate the Boring Stuff with Python, you'll learn how to use Python to write programs that do in minutes what would take you hours to do by hand--no prior programming experience

required. You'll learn the basics of Python and explore Python's rich library of modules for performing specific tasks, like scraping data off websites, reading PDF and Word documents, and automating clicking and typing tasks. The second edition of this international fan favorite includes a brand-new chapter on input validation, as well as tutorials on automating Gmail and Google Sheets, plus tips on automatically updating CSV files. You'll learn how to create programs that effortlessly perform useful feats of automation to: • Search for text in a file or across multiple files • Create, update, move, and rename files and folders • Search the Web and download online content • Update and format data in Excel spreadsheets of any size • Split, merge, watermark, and encrypt PDFs • Send email responses and text notifications • Fill out online forms Step-by-step instructions walk you through each program, and updated practice projects at the end of each chapter challenge you to improve those programs and use your newfound skills to automate similar tasks. Don't spend your time doing work a well-trained monkey could do. Even if you've never written a line of code, you can make your computer do the grunt work. Learn how in Automate the Boring Stuff with Python, 2nd Edition.

KS3 English Complete Revision and Practice May 29 2022 KS3 English Complete Study and Practice (with online edition)

The War of the Worlds Illustrated Jul 19 2021 The War of the Worlds is a science fiction novel by English author H. G. Wells, first serialised in 1897 by Pearson's Magazine in the UK and by Cosmopolitan magazine in the US. The novel's first appearance in hardcover was in 1898 from publisher William Heinemann of London. Written between 1895 and 1897, it is one of the earliest stories to detail a conflict between mankind and an extraterrestrial race

ggplot2 Jan 25 2022 Provides both rich theory and powerful applications Figures are accompanied by code required to produce them

Full color figures

Invent Your Own Computer Games with Python, 4th Edition Jan 31 2020 Invent Your Own Computer Games with Python will teach you how to make computer games using the popular Python programming language—even if you've never programmed before! Begin by building classic games like Hangman, Guess the Number, and Tic-Tac-Toe, and then work your way up to more advanced games, like a text-based treasure hunting game and an animated collision-dodging game with sound effects. Along the way, you'll learn key programming and math concepts that will help you take your game programming to the next level. Learn how to: –Combine loops, variables, and flow control statements into real working programs –Choose the right data structures for the job, such as lists, dictionaries, and tuples –Add graphics and animation to your games with the pygame module –Handle keyboard and mouse input –Program simple artificial intelligence so you can play against the computer –Use cryptography to convert text messages into secret code –Debug your programs and find common errors As you work through each game, you'll build a solid foundation in Python and an understanding of computer science fundamentals. What new game will you create with the power of Python? The projects in this book are compatible with Python 3.
R for Data Science Jul 31 2022 Learn how to use R to turn raw data into insight, knowledge, and understanding. This book introduces you to R, RStudio, and the tidyverse, a collection of R packages designed to work together to make data science fast, fluent, and fun. Suitable for readers with no previous programming experience, R for Data Science is designed to get you doing data science as quickly as possible. Authors Hadley Wickham and Garrett Grolemund guide you through the steps of importing, wrangling, exploring, and modeling your data and communicating the results. You'll

get a complete, big-picture understanding of the data science cycle, along with basic tools you need to manage the details. Each section of the book is paired with exercises to help you practice what you've learned along the way. You'll learn how to: Wrangle—transform your datasets into a form convenient for analysis Program—learn powerful R tools for solving data problems with greater clarity and ease Explore—examine your data, generate hypotheses, and quickly test them Model—provide a low-dimensional summary that captures true "signals" in your dataset Communicate—learn R Markdown for integrating prose, code, and results

The King in Yellow Jul 07 2020 Toward the end of the year 1920 the Government of the United States had practically completed the programme, adopted during the last months of President Winthrop's administration. The country was apparently tranquil. Everybody knows how the Tariff and Labour questions were settled. The war with Germany, incident on that country's seizure of the Samoan Islands, had left no visible scars upon the republic, and the temporary occupation of Norfolk by the invading army had been forgotten in the joy over repeated naval victories, and the subsequent ridiculous plight of General Von Gartenlaube's forces in the State of New Jersey. The Cuban and Hawaiian investments had paid one hundred per cent and the territory of Samoa was well worth its cost as a coaling station. The country was in a superb state of defence. Every coast city had been well supplied with land fortifications; the army under the parental eye of the General Staff, organized according to the Prussian system, had been increased to 300,000 men, with a territorial reserve of a million; and six magnificent squadrons of cruisers and battle-ships patrolled the six stations of the navigable seas, leaving a steam reserve amply fitted to control home waters. The gentlemen from the West had at last been constrained to acknowledge that a college

for the training of diplomats was as necessary as law schools are for the training of barristers; consequently we were no longer represented abroad by incompetent patriots. The nation was prosperous; Chicago, for a moment paralyzed after a second great fire, had risen from its ruins, white and imperial, and more beautiful than the white city which had been built for its plaything in 1893. Everywhere good architecture was replacing bad, and even in New York, a sudden craving for decency had swept away a great portion of the existing horrors. Streets had been widened, properly paved and lighted, trees had been planted, squares laid out, elevated structures demolished and underground roads built to replace them. The new government buildings and barracks were fine bits of architecture, and the long system of stone quays which completely surrounded the island had been turned into parks which proved a god-send to the population. The subsidizing of the state theatre and state opera brought its own reward.

The United States National Academy of Design was much like European institutions of the same kind. Nobody envied the Secretary of Fine Arts, either his cabinet position or his portfolio. The Secretary of Forestry and Game Preservation had a much easier time, thanks to the new system of National Mounted Police. We had profited well by the latest treaties with France and England; the exclusion of foreign-born Jews as a measure of self-preservation, the settlement of the new independent negro state of Suanee, the checking of immigration, the new laws concerning naturalization, and the gradual centralization of power in the executive all contributed to national calm and prosperity. When the Government solved the Indian problem and squadrons of Indian cavalry scouts in native costume were substituted for the pitiable organizations tacked on to the tail of skeletonized regiments by a former Secretary of War, the nation drew a long sigh of relief. When, after the colossal Congress of Religions, bigotry

and intolerance were laid in their graves and kindness and charity began to draw warring sects together, many thought the millennium had arrived, at least in the new world which after all is a world by itself.

Gray's Basic Anatomy - E-Book Aug 27 2019 Developed in response to student and faculty feedback worldwide, Gray's Basic Anatomy is a concise, easy-to-read text known for its utility and clarity, relevant and accurate content, strong clinical focus, and interactive online features. Perfect for readers who need an efficient, high-yield anatomy text, the fully updated 3rd Edition covers the key anatomical concepts that students need to know, all superbly illustrated with full-color artwork. Using a progressive and accessible approach, it provides a practical foundation of anatomical knowledge in a time-saving, highly understandable manner. Offers readable, concise and complete anatomy coverage with true-to-life illustrations and useful clinical examples Features fully revised and updated content throughout, including new non-binary information, equal coverage of male and female anatomy, and surface anatomy illustrations that reflect people of color. Integrates anatomy with current modes of imaging, clinical material, and surface anatomy. Includes a Conceptual Overview in each chapter that introduces readers to basic concepts of that region—now supplemented by additional simplified schematic diagrams for key structures. Incorporates superb artwork that includes select views from the wider Gray's family of texts. Contains updated classification of cranial nerves and new references to lymphatics associated with the central nervous system. Features outstanding electronic ancillaries, including a new bonus e-chapter on neuroanatomy essentials, an interactive surface anatomy tool, self-assessment questions, additional clinical and PT cases, and more.

A HEAT TRANSFER TEXTBOOK Nov 30 2019

THE GREAT GATSBY Oct 10 2020 THE GREAT GATSBY BY F. SCOTT FITZGERALD Key features of this book: * Unabridged with 100% of it's original content * Available in multiple formats: eBook, original paperback, large print paperback and hardcover * Easy-to-read 12 pt. font size * Proper paragraph formatting with Indented first lines, 1.25 Line Spacing and Justified Paragraphs * Properly formatted for aesthetics and ease of reading. * Custom Table of Contents and Design elements for each chapter * The Copyright page has been placed at the end of the book, as to not impede the content and flow of the book. Original publication: 1925 The Great Gatsby - The story of the mysteriously wealthy Jay Gatsby and his love for the beautiful Daisy Buchanan, This book is F. Scott Fitzgerald's third book and stands as the supreme achievement of his career. First published in 1925, this classic novel of the Jazz Age has been acclaimed by generations of readers which depicts the life of lavish parties on Long Island is an exquisitely crafted tale of America in the 1920s. This book is great for schools, teachers and students or for the casual reader, and makes a wonderful addition to any classic literary library At Pure Snow Publishing we have taken the time and care into formatting this book to make it the best possible reading experience. We specialize in publishing classic books and have been publishing books since 2014. We now have over 500 book listings available for purchase. Enjoy!

Introduction to Biomedical Data Science Sep 28 2019 Overview of biomedical data science -- Spreadsheet tools and tips -- Biostatistics primer -- Data visualization -- Introduction to databases -- Big data -- Bioinformatics and precision medicine -- Programming languages for data analysis -- Machine learning -- Artificial intelligence -- Biomedical data science resources -- Appendix A: Glossary -- Appendix B: Using data.world -- Appendix C: Chapter exercises. *Reinforcement Learning, second edition* Aug 20

2021 The significantly expanded and updated new edition of a widely used text on reinforcement learning, one of the most active research areas in artificial intelligence. Reinforcement learning, one of the most active research areas in artificial intelligence, is a computational approach to learning whereby an agent tries to maximize the total amount of reward it receives while interacting with a complex, uncertain environment. In Reinforcement Learning, Richard Sutton and Andrew Barto provide a clear and simple account of the field's key ideas and algorithms. This second edition has been significantly expanded and updated, presenting new topics and updating coverage of other topics. Like the first edition, this second edition focuses on core online learning algorithms, with the more mathematical material set off in shaded boxes. Part I covers as much of reinforcement learning as possible without going beyond the tabular case for which exact solutions can be found.

Many algorithms presented in this part are new to the second edition, including UCB, Expected Sarsa, and Double Learning. Part II extends these ideas to function approximation, with new sections on such topics as artificial neural networks and the Fourier basis, and offers expanded treatment of off-policy learning and policy-gradient methods. Part III has new chapters on reinforcement learning's relationships to psychology and neuroscience, as well as an updated case-studies chapter including AlphaGo and AlphaGo Zero, Atari game playing, and IBM Watson's wagering strategy. The final chapter discusses the future societal impacts of reinforcement learning.

Ulysses Jun 29 2022
Programming in Lua Nov 03 2022 Authored by Roberto Ierusalimschy, the chief architect of the language, this volume covers all aspects of Lua 5---from the basics to its API with C---explaining how to make good use of its features and giving numerous code examples. (Computer Books)

Eloquent JavaScript Sep 01 2022 JavaScript is at the heart of almost every modern Web application, whether it's Google Apps, Twitter, or the newest browser-based game. Though it's simple for beginners to pick up and play with, JavaScript is not a toy—it's a flexible and complex language that can be used to build full-scale applications. Eloquent JavaScript dives into this flourishing language and teaches you to write code that's beautiful and effective. By immersing you in example code and encouraging experimentation right from the start, the author quickly gives you the tools you need to build your own programs. As you follow along with examples like an artificial life simulation and a version of the classic game Sokoban, you'll learn to: –Understand the essential elements of programming: syntax, control, and data –Use object-oriented and functional programming techniques to organize and clarify your programs –Script the browser and make basic Web applications –Work with tools like regular expressions and XMLHttpRequest objects And since programming is an art that's best learned by doing, all example code is available online in an interactive sandbox for you to experiment with. With Eloquent JavaScript as your guide, you can tweak, expand, and modify the author's code, or throw it away and build your own creations from scratch. Before you know it, you'll be fluent in the language of the Web.

Introduction to Information Retrieval May 17 2021 Class-tested and coherent, this textbook teaches classical and web information retrieval, including web search and the related areas of text classification and text clustering from basic concepts. It gives an up-to-date treatment of all aspects of the design and implementation of systems for gathering, indexing, and searching documents; methods for evaluating systems; and an introduction to the use of machine learning methods on text collections. All the important ideas are explained using examples and figures, making it perfect for introductory courses in

information retrieval for advanced undergraduates and graduate students in computer science. Based on feedback from extensive classroom experience, the book has been carefully structured in order to make teaching more natural and effective. Slides and additional exercises (with solutions for lecturers) are also available through the book's supporting website to help course instructors prepare their lectures.

Discrete Mathematics Jan 01 2020 Note: This is the 3rd edition. If you need the 2nd edition for a course you are taking, it can be found as a "other format" on amazon, or by searching its isbn: 1534970746 This gentle introduction to discrete mathematics is written for first and second year math majors, especially those who intend to teach. The text began as a set of lecture notes for the discrete mathematics course at the University of Northern Colorado. This course serves both as an introduction to topics in discrete math and as the "introduction to proof" course for math majors. The course is usually taught with a large amount of student inquiry, and this text is written to help facilitate this. Four main topics are covered: counting, sequences, logic, and graph theory. Along the way proofs are introduced, including proofs by contradiction, proofs by induction, and combinatorial proofs. The book contains over 470 exercises, including 275 with solutions and over 100 with hints. There are also Investigate! activities throughout the text to support active, inquiry based learning. While there are many fine discrete math textbooks available, this text has the following advantages: It is written to be used in an inquiry rich course. It is written to be used in a course for future math teachers. It is open source, with low cost print editions and free electronic editions. This third edition brings improved exposition, a new section on trees, and a bunch of new and improved exercises. For a complete list of changes, and to view the free electronic version of the text, visit the book's

website at discrete.openmathbooks.org

The Rust Programming Language (Covers Rust 2018) Nov 22 2021 The official book on the Rust programming language, written by the Rust development team at the Mozilla Foundation, fully updated for Rust 2018. The Rust Programming Language is the official book on Rust: an open source systems programming language that helps you write faster, more reliable software. Rust offers control over low-level details (such as memory usage) in combination with high-level ergonomics, eliminating the hassle traditionally associated with low-level languages. The authors of The Rust Programming Language, members of the Rust Core Team, share their knowledge and experience to show you how to take full advantage of Rust's features--from installation to creating robust and scalable programs. You'll begin with basics like creating functions, choosing data types, and binding variables and then move on to more advanced concepts, such as: Ownership and borrowing, lifetimes, and traits Using Rust's memory safety guarantees to build fast, safe programs Testing, error handling, and effective refactoring Generics, smart pointers, multithreading, trait objects, and advanced pattern matching Using Cargo, Rust's built-in package manager, to build, test, and document your code and manage dependencies How best to use Rust's advanced compiler with compiler-led programming techniques You'll find plenty of code examples throughout the book, as well as three chapters dedicated to building complete projects to test your learning: a number guessing game, a Rust implementation of a command line tool, and a multithreaded server. New to this edition: An extended section on Rust macros, an expanded chapter on modules, and appendixes on Rust development tools and editions.

The World Book Encyclopedia Dec 24 2021 An encyclopedia designed especially to meet the needs of elementary, junior high, and senior

high school students.

Causal Inference Apr 03 2020 The application of causal inference methods is growing exponentially in fields that deal with observational data. Written by pioneers in the field, this practical book presents an authoritative yet accessible overview of the methods and applications of causal inference. With a wide range of detailed, worked examples using real epidemiologic data as well as software for replicating the analyses, the text provides a thorough introduction to the basics of the theory for non-time-varying treatments and the generalization to complex longitudinal data.

Middlemarch Oct 22 2021 Who that cares much to know the history of man, and how the mysterious mixture behaves under the varying experiments of Time, has not dwelt, at least briefly, on the life of Saint Theresa, has not smiled with some gentleness at the thought of the little girl walking forth one morning hand-in-hand with her still smaller brother, to go and seek martyrdom in the country of the Moors? Out they toddled from rugged Avila, wide-eyed and helpless-looking as two fawns, but with human hearts, already beating to a national idea; until domestic reality met them in the shape of uncles, and turned them back from their great resolve. That child-pilgrimage was a fit beginning. Theresa's passionate, ideal nature demanded an epic life: what were many-volumed romances of chivalry and the social conquests of a brilliant girl to her? Her flame quickly burned up that light fuel; and, fed from within, soared after some illimitable satisfaction, some object which would never justify weariness, which would reconcile self-despair with the rapturous consciousness of life beyond self. She found her epos in the reform of a religious order.

Deep Learning Oct 02 2022 An introduction to a broad range of topics in deep learning, covering mathematical and conceptual background, deep learning techniques used in industry, and research perspectives. "Written by

three experts in the field, Deep Learning is the only comprehensive book on the subject." —Elon Musk, cochair of OpenAI; cofounder and CEO of Tesla and SpaceX Deep learning is a form of machine learning that enables computers to learn from experience and understand the world in terms of a hierarchy of concepts. Because the computer gathers knowledge from experience, there is no need for a human computer operator to formally specify all the knowledge that the computer needs. The hierarchy of concepts allows the computer to learn complicated concepts by building them out of simpler ones; a graph of these hierarchies would be many layers deep. This book introduces a broad range of topics in deep learning. The text offers mathematical and conceptual background, covering relevant concepts in linear algebra, probability theory and information theory, numerical computation, and machine learning. It describes deep learning techniques used by practitioners in industry, including deep feedforward networks, regularization, optimization algorithms, convolutional networks, sequence modeling, and practical methodology; and it surveys such applications as natural language processing, speech recognition, computer vision, online recommendation systems, bioinformatics, and videogames. Finally, the book offers research perspectives, covering such theoretical topics as linear factor models, autoencoders, representation learning, structured probabilistic models, Monte Carlo methods, the partition function, approximate inference, and deep generative models. Deep Learning can be used by undergraduate or graduate students planning careers in either industry or research, and by software engineers who want to begin using deep learning in their products or platforms. A website offers supplementary material for both readers and instructors.

Elementary Korean Feb 11 2021 Elementary Korean offers a complete, systematic and

streamlined first-year course in Korean for the English-speaking adult learner.

Information Theory, Inference and Learning Algorithms Mar 03 2020 Table of contents *Phylogenetics* Sep 08 2020 The long-awaited revision of the industry standard on phylogenetics Since the publication of the first edition of this landmark volume more than twenty-five years ago, phylogenetic systematics has taken its place as the dominant paradigm of systematic biology. It has profoundly influenced the way scientists study evolution, and has seen many theoretical and technical advances as the field has continued to grow. It goes almost without saying that the next twenty-five years of phylogenetic research will prove as fascinating as the first, with many exciting developments yet to come. This new edition of Phylogenetics captures the very essence of this rapidly evolving discipline. Written for the practicing systematist and phylogeneticist, it addresses both the philosophical and technical issues of the field, as well as surveys general practices in taxonomy. Major sections of the book deal with the nature of species and higher taxa, homology and characters, trees and tree graphs, and biogeography—the purpose being to develop biologically relevant species, character, tree, and biogeographic concepts that can be applied fruitfully to phylogenetics. The book then turns its focus to phylogenetic trees, including an in-depth guide to tree-building algorithms. Additional coverage includes: Parsimony and parsimony analysis Parametric phylogenetics including maximum likelihood and Bayesian approaches Phylogenetic classification Critiques of evolutionary taxonomy, phenetics, and transformed cladistics Specimen selection, field collecting, and curating Systematic publication and the rules of nomenclature Providing a thorough synthesis of the field, this important update to Phylogenetics is essential for students and researchers in the areas of evolutionary biology, molecular evolution, genetics and

evolutionary genetics, paleontology, physical anthropology, and zoology.

You Don't Know JS: Scope & Closures Apr 27 2022 No matter how much experience you have with JavaScript, odds are you don't fully understand the language. This concise yet in-depth guide takes you inside scope and closures, two core concepts you need to know to become a more efficient and effective JavaScript programmer. You'll learn how and why they work, and how an understanding of closures can be a powerful part of your development skillset. Like other books in the "You Don't Know JS" series, Scope and Closures dives into trickier parts of the language that many JavaScript programmers simply avoid. Armed with this knowledge, you can achieve true JavaScript mastery. Learn about scope, a set of rules to help JavaScript engines locate variables in your code Go deeper into nested scope, a series of containers for variables and functions Explore function- and block-based scope, "hoisting", and the patterns and benefits of scope-based hiding Discover how to use closures for synchronous and asynchronous tasks, including the creation of JavaScript libraries

Pro Git Sep 20 2021 Git is the version control system developed by Linus Torvalds for Linux kernel development. It took the open source world by storm since its inception in 2005, and is used by small development shops and giants like Google, Red Hat, and IBM, and of course many open source projects. A book by Git experts to turn you into a Git expert Introduces the world of distributed version control Shows how to build a Git development workflow

Lectures On Computation Jan 13 2021 Covering the theory of computation, information and communications, the physical aspects of computation, and the physical limits of computers, this text is based on the notes taken by one of its editors, Tony Hey, on a lecture course on computation given b

Physically Based Rendering Mar 15 2021 This

updated edition describes both the mathematical theory behind a modern photorealistic rendering system as well as its practical implementation. Through the ideas and software in this book, designers will learn to design and employ a full-featured rendering system for creating stunning imagery. Includes a companion site complete with source code for the rendering system described in the book, with support for Windows, OS X, and Linux.

Forecasting: principles and practice Feb 23 2022 Forecasting is required in many situations. Stocking an inventory may require forecasts of demand months in advance. Telecommunication routing requires traffic forecasts a few minutes ahead. Whatever the circumstances or time horizons involved, forecasting is an important aid in effective and efficient planning. This textbook provides a comprehensive introduction to forecasting methods and presents enough information about each method for readers to use them sensibly.

The Linux Command Line Dec 12 2020 You've experienced the shiny, point-and-click surface of your Linux computer—now dive below and explore its depths with the power of the command line. The Linux Command Line takes you from your very first terminal keystrokes to writing full programs in Bash, the most popular Linux shell. Along the way you'll learn the timeless skills handed down by generations of gray-bearded, mouse-shunning gurus: file navigation, environment configuration, command chaining, pattern matching with regular expressions, and more. In addition to that practical knowledge, author William Shotts reveals the philosophy behind these tools and the rich heritage that your desktop Linux machine has inherited from Unix supercomputers of yore. As you make your way through the book's short, easily-digestible chapters, you'll learn how to: * Create and delete files, directories, and symlinks * Administer your system, including networking, package

installation, and process management * Use standard input and output, redirection, and pipelines * Edit files with Vi, the world's most popular text editor * Write shell scripts to automate common or boring tasks * Slice and dice text files with cut, paste, grep, patch, and sed Once you overcome your initial "shell shock," you'll find that the command line is a natural and expressive way to communicate with your computer. Just don't be surprised if your mouse starts to gather dust. A featured resource in the Linux Foundation's "Evolution of a SysAdmin"

JavaScript for Impatient Programmers Jun 25 2019 This book makes JavaScript less challenging to learn for newcomers, by offering a modern view that is as consistent as possible. Highlights: Get started quickly, by initially focusing on modern features. Test-driven exercises and quizzes available for most chapters (sold separately). Covers all essential features of JavaScript, up to and including

ES2019. Optional advanced sections let you dig deeper. No prior knowledge of JavaScript is required, but you should know how to program. **Learning Java** Mar 27 2022 A tutorial introducing Java basics covers programming principles, integrating applets with Web applications, and using threads, arrays, and sockets.

The Life You Can Save Jun 17 2021 Most of us are absolutely certain that we wouldn't hesitate to save a drowning child, and that we would do it at considerable cost to ourselves. Yet while thousands of children die each day, we spend money on things we take for granted, and would hardly miss if they were not there. Is that wrong? If so, how far does our obligation to the poor go? According to the World Bank 1.4 billion people live on less than US$1.25 per day. This entails a vast amount of suffering and avoidable loss of life. The Life You Can Save offers a solution to world poverty. With his trademark clarity, logic and intellectual flair Peter Singer

shows us not only that this solution is possible, but also that we have a moral obligation to be part of it.

The Founding Father's Papers Nov 10 2020
Drag Me Out Like a Lady Jul 27 2019 She was arrested in the Berkeley Free Speech Movement. She was at the Be-In when Timothy Leary told us to drop out. She was in the battle of People's Park when James Rector was killed. She was tear-gassed on campus at UC Berkeley. She was at Altamont when a Hell's Angel murdered a concertgoer. Now she has written her autobiography, describing her unusual trajectory through an unusual era. In the spirit of Howard Zinn, Jentri Anders presents her life as an activist and anthropologist. A Southerner with deep roots in Georgia and Arkansas, she went to high school in Groveland, Florida, one of the most notorious locations in black history.

Expelled from both a Georgia Bible college and Florida State University for political reasons, she moved to California, participated in the antiwar movement there, then was sexually and politically harrassed out of UC Berkeley. She dropped out of mainstream culture to become a back-to-the-land hippie in what is now called the Emerald Triangle in Humboldt County, California, then dropped back in, wrote the definitive ethnography of back-to-the-land hippies, and was featured in the Academy Award-nominated documentary film, Berkeley in the Sixties. A fascinating writer, Anders is also a scholar. Drag Me Out Like a Lady is thoroughly researched, indexed, referenced, and documented, including historical material from her personal files. Cultural historians, anthropologists, activists, feminists, literate hippies, as well as people who just like weird stories, will all love this book