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Causal Inference Dec 18 2021 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.

The Linux Command Line Aug 02 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"

Deep Learning Aug 26 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.

Mineralogy Feb 08 2021 This student-oriented text is written in a casual, jargon-free style to present a modern introduction to mineralogy. It emphasizes real-world applications and the history and human side of mineralogy. This book approaches the subject by explaining the larger, understandable topics first, and then explaining why the "little things" are important for understanding the larger picture.

R for Data Science Apr 10 2021 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 Complete Book of Cheese May 23 2022 Bob Brown, after living thirty years in as many foreign lands and enjoying countless national cheeses at the source, returned to New York and summed them all up in this book.

A Book of Discovery: The History of the World's Exploration From the Earliest Times to the Finding of the South Pole Feb 26 2020

Coding Interview Questions Mar 29 2020 "Coding Interview Questions" is a book that presents interview questions in simple and straightforward manner with a clear-cut explanation. This book will provide an introduction to the basics. It comes handy as an interview and exam guide for computer scientists.

Psychology Dec 26 2019 The images in this textbook are in grayscale. There is a color version available - search for ISBN 9781680922370. Psychology is designed to meet scope and sequence requirements for the single-semester introduction to psychology course. The book offers a comprehensive treatment of core concepts, grounded in both classic studies and current and emerging research. The text also includes coverage of the DSM-5 in examinations of psychological disorders. Psychology incorporates discussions that reflect the diversity within the discipline, as well as the diversity of cultures and communities across the globe.

The Life You Can Save Jun 24 2022 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.

Discrete Mathematics Oct 24 2019 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

Kentucky Administrative Regulations Service Sep 03 2020

Principles of Macroeconomics for AP® Courses 2e May 31 2020

Biology of Plants and Animals Mar 21 2022

Introduction to Permaculture Oct 04 2020

How to Transform Your Life Oct 16 2021 A practical manual for daily life that shows how we can develop and maintain inner peace, how we can reduce and stop our experience of problems, and how we can bring about positive changes in our lives that will enable us to experience deep and lasting happiness. This is a significantly revised edition of one of Venerable Geshe Kelsang's most popular and accessible books.

Fundamentals of Data Visualization Jun 12 2021 Effective visualization is the best way to communicate information from the increasingly large and complex datasets in the natural and social sciences. But with the increasing power of visualization software today, scientists, engineers, and business analysts often have to navigate a bewildering array of visualization choices and options. This practical book takes you through many commonly encountered visualization problems, and it provides guidelines on how to turn large datasets into clear and compelling figures. What visualization type is best for the story you want to tell? How do you make informative figures that are visually pleasing? Author Claus O. Wilke teaches you the elements most critical to successful data visualization. Explore the basic concepts of color as a tool to highlight, distinguish, or represent a value Understand the importance of redundant coding to ensure you provide key information in multiple ways Use the book's visualizations directory, a graphical guide to commonly used types of data visualizations Get extensive examples of good and bad figures Learn how to use figures in a document or report and how employ them effectively to tell a compelling story

How Languages Work Nov 17 2021 This new introduction to linguistics presents language in all its amazing complexity, while guiding students gently through the basics. Students emerge with an appreciation of the diversity of the world's languages as well as a deeper understanding of the structure of language, and its broader social and cultural context.

Rural Rides Mar 09 2021 Rural Rides is the book for which the English journalist, agriculturist and political reformer William Cobbett is best known. At the time of writing Rural Rides, in the early 1820s, Cobbett was a radical anti-Corn Law campaigner.

He embarked on a series of journeys by horseback through the countryside of Southeast England and the English Midlands. He wrote down what he saw from the points of view both of a farmer and a social reformer. The result documents the early 19th-century countryside and its people as well as giving free vent to Cobbett's opinions

This Book is Cruelty-Free Sep 15 2021 How do the everyday choices you make affect animals and the environment? This book looks at all the things you can do to live cruelty free. It's a guide for older children and teenagers concerned about animals, wildlife and the planet we live on. Packed with information on how to live a cruelty-free life, it includes sections on: Using your spending power. The choices we make - what to eat, what to buy, what to wear ￼ and how these affect animals. Asking questions and reading labels. Cruelty-free fashion and beauty. What's on your plate? Being vegetarian or vegan, or just eating less meat? What impact can your diet have on cruelty and on the environment? Should you have a pet? If so, would your pet choose you as its owner? Points to consider before bringing an animal into your home. Animals on show. Do zoos and animal parks look after animals or exploit them? Good zoos and their important conservation work. Watching wild animals. Watching and learning about wildlife - building an appreciation of nature and helping your mental wellbeing. Love those bugs! Many people are squeamish about insects, but these creatures are vital to ecosystems. Don￼t throw it away ￼ there is no away. Simple things everyone can do to avoid waste: recycling, re-using, choosing plastic-free. Resist the throwaway culture. Where do you draw your line? What can you realistically achieve? Some of the difficulties, especially if family / friends don￼t agree with you. What are the best (and worst) ways of influencing others? How to feel confident with your decisions. How to handle everyday situations and counter arguments. Campaigning - anti-cruelty organisations to support. The power of protest. This book will help you to live as cruelty-free as possible and to examine all of the areas in your life where you can help animals and the environment. Choose to live without cruelty. Choose this book and find out how.

The Bullshit-Free Book Jan 19 2022 Bullshit is everywhere. Some of it is just lazy, some is complete nonsense, and yet some is at least trying to communicate something, even if it fails. Bestselling author Kevin Duncan has been on a life mission to improve business language and understanding. In his latest book, he weeds out the worst offenders, and the contexts in which they most frequently occur, to provide readers with a path to clear communication. The book starts with an examination of why we seem to use so much jargon and non-sensical words and phrases in our daily working lives. Duncan then lists and analyses the 100 most popular examples of bullshit used internally and externally, their real meaning, and rates how harmless or dangerous they are. The book ends with advice on dealing with bullshitters and a manifesto to help anyone achieve clear, bullshit-free communication.

The War of the Worlds Illustrated Jan 27 2020 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

An Introduction to Statistical Learning Dec 06 2020 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.

Easy German Nov 05 2020 German Language Study.

My Book of Rocks and Minerals Aug 22 2019 A stunning visual reference book for little geologists who love to find fascinating stones around them. Identify colourful gemstones, sparkly crystals, the toughest rocks and ancient fossils. Packed with fun facts, information and extensive photos all about the rocks and minerals that make up the world around us. Interactive learning that engages young scholar minds. Learn about 64 different types of rocks and minerals, how to tell the difference between them, and where to find them. Have a dig into all the interesting geological materials from deep space to the deepest caves. You'll even discover glow in the dark minerals and living gems! Find out about the stuff our world is made of, and how rocks and minerals form over time. This captivating book introduces children to hands-on science with fun activities such as starting your own impressive rock collection and how to stay safe on your rock finding missions. Written for kids aged 6 to 9 with bite-sized information and explanations. The easy to understand language gives them a rock-solid foundation for science subjects. The geology book includes the phonetic pronunciation of the rock and mineral names so your little one will sound like a rock expert in no time. Rockin' It With Stones And Minerals - Stunning high-quality photographs. - Inspiring activities for little earth scientists. - Over 64 types of rocks, their properties, and how they are formed.

The C# Programming Yellow Book Jul 21 2019 Learn C# from first principles the Rob Miles way. With jokes, puns, and a rigorous problem solving based approach.You can download all the code samples used in the book from here: http: //www.robmiles.com/s/Yellow-Book-Code-Samples-64.z

Conservation Biology for All Jul 25 2022 Conservation Biology for All provides cutting-edge but basic conservation science to

a global readership. A series of authoritative chapters have been written by the top names in conservation biology with the principal aim of disseminating cutting-edge conservation knowledge as widely as possible. Important topics such as balancing conversion and human needs, climate change, conservation planning, designing and analyzing conservation research, ecosystem services, endangered species management, extinctions, fire, habitat loss, and invasive species are covered. Numerous textboxes describing additional relevant material or case studies are also included. The global biodiversity crisis is now unstoppable; what can be saved in the developing world will require an educated constituency in both the developing and developed world. Habitat loss is particularly acute in developing countries, which is of special concern because it tends to be these locations where the greatest species diversity and richest centres of endemism are to be found. Sadly, developing world conservation scientists have found it difficult to access an authoritative textbook, which is particularly ironic since it is these countries where the potential benefits of knowledge application are greatest. There is now an urgent need to educate the next generation of scientists in developing countries, so that they are in a better position to protect their natural resources.

The Rust Programming Language (Covers Rust 2018) Apr 22 2022 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.

Nineteen Eighty-Four Feb 20 2022 "Nineteen Eighty-Four: A Novel", often published as "1984", is a dystopian social science fiction novel by English novelist George Orwell. It was published on 8 June 1949 by Secker & Warburg as Orwell's ninth and final book completed in his lifetime. Thematically, "Nineteen Eighty-Four" centres on the consequences of totalitarianism, mass surveillance, and repressive regimentation of persons and behaviours within society. Orwell, himself a democratic socialist, modelled the authoritarian government in the novel after Stalinist Russia. More broadly, the novel examines the role of truth and facts within politics and the ways in which they are manipulated. The story takes place in an imagined future, the year 1984, when much of the world has fallen victim to perpetual war, omnipresent government surveillance, historical negationism, and propaganda. Great Britain, known as Airstrip One, has become a province of a totalitarian superstate named Oceania that is ruled by the Party who employ the Thought Police to persecute individuality and independent thinking. Big Brother, the leader of the Party, enjoys an intense cult of personality despite the fact that he may not even exist. The protagonist, Winston Smith, is a diligent and skillful rank-and-file worker and Outer Party member who secretly hates the Party and dreams of rebellion. He enters into a forbidden relationship with a colleague, Julia, and starts to remember what life was like before the Party came to power.

How to Transform Your Life Jul 01 2020 A practical manual for daily life that shows how we can develop and maintain inner peace, how we can reduce and stop our experience of problems, and how we can bring about positive changes in our lives that will enable us to experience deep and lasting happiness. This is a significantly revised edition of one of Geshe Kelsang Gyatso❑s most popular and accessible books. How to Transform Your Life forms the basis of hundreds of popular drop-in meditation classes and courses around the world. If you want the opportunity to study or find out more about the practices presented in this book, visit your nearest Kadampa Meditation Centre or branch.

Peace Pilgrim Jul 13 2021 In nearly three decades, she walked more than 25,000 miles, carrying her possessions in her blue tunic and spreading her belief about peace: overcome evil with good, and falsehood with truth, and hatred with love.

How to Speak and Write Correctly Aug 14 2021 Learn the Easy Way to Speak and Write Well. I found this book by accident while browsing through a now-defunct Los Angeles bookstore/cafe. It was the luckiest accident of my life.At that point I had been a professional writer for more than twenty years, but I rarely enjoyed my work, and I felt all of it was disposable in one way or another. At first, reading this book gave me an incredible, if unfamiliar, feeling of joy and self-confidence. Afterwards, I began to surprise the hell out of myself in terms of what I was able to accomplish. This little book is very practical and precise. The best plan is to follow the best authors and these masters of language will guide you safely along the way. There are chapters devoted to all the essential components to make writing interesting. Devlin delivers a concise book that allows you to starts improving your speech and writing quickly. Every writer should have this book as a ready reference and guide. Get Your Copy Now.

Principles of International Investment Law Sep 27 2022 This book provides an ideal introduction to the fundamentals of international investment law and dispute settlement for students or practitioners. It combines a systematic analytical study of the texts and principles underlying investment law with a jurisprudential analysis of the case law arising in international tribunals.

Textbook of Oral Medicine Oct 28 2022 New edition presenting latest advances in oral medicine. Includes multiple choice

questions for revision and a free book called Basic Oral Radiology (9789351523215). Previous edition published in 2008.

U.S. History Jun 19 2019 Published by OpenStax College, U.S. History covers the breadth of the chronological history of the United States and also provides the necessary depth to ensure the course is manageable for instructors and students alike. U.S. History is designed to meet the scope and sequence requirements of most courses. The authors introduce key forces and major developments that together form the American experience, with particular attention paid to considering issues of race, class and gender. The text provides a balanced approach to U.S. history, considering the people, events and ideas that have shaped the United States from both the top down (politics, economics, diplomacy) and bottom up (eyewitness accounts, lived experience).

Food for Free Sep 22 2019 The classic foraging guide to over 200 types of food that can be gathered and picked in the wild, Food for Free returns in its 40th year as a sumptuous, beautifully illustrated and fully updated anniversary edition.

The Book of Hopes May 11 2021 First published online to comfort, inspire and entertain children during lockdown, Katherine Rundell's collection of over 100 works from the best authors and illustrators of children's books has been read by almost half a million people. A donation from the sale of each book will go to NHS Charities Together

The Allergy-Free Baby and Toddler Book Jan 07 2021 The Allergy-Free Baby and Toddler Book is the guide that all worried parents have been waiting for. Written by Charlotte Muquit, a mum whose own son has severe food allergies, and Dr Adam Fox, one of the country's top allergy specialists, this book explains everything you need to know about allergies, from navigating the diagnosis process to the practical steps you can take to manage allergies in the longterm. Find out how to: - Identify the source of an allergy - Treat reactions - Communicate with GPs, nurseries and playgroups - Enjoy social events without worrying - Adapt weaning and diet to avoid reactions You'll also find 30 delicious allergy-free recipes for everyday and special occasions. Comprehensive, accessible and informative, The Allergy-Free Baby and Toddler Book gives parents the knowledge and reassurance they need to stop allergies getting in the way of a fun, full and active childhood.

Coronavirus: A Book for Children Nov 24 2019 What is the coronavirus, and why is everyone talking about it? Engagingly illustrated by Axel Scheffler, this approachable and timely book helps answer these questions and many more, providing children aged 5-10 and their parents with clear and accessible explanations about the coronavirus and its effects - both from a health perspective and the impact it has on a family's day-to-day life. With input from expert consultant Professor Graham Medley of the London School of Hygiene & Tropical Medicine, as well as advice from teachers and child psychologists, this is a practical and informative resource to help explain the changes we are currently all experiencing. The book is free to read and download, but Nosy Crow would like to encourage readers, should they feel in a position to, to make a donation to: https://www.nhscharitiestogether.co.uk/

Modern Automotive Technology Instructor's Wraparound Edition Apr 29 2020 Instructors edition contains a variety of instructional support in the margins of each page to supplement your instruction. Includes answers to end-of-chapter review questions and ASE-type questions.