

Gdt Hierarchy Pocket Guide Y 14 5 2009

The tranquility of Mars is disrupted by humans who want to conquer space, colonize the planet, and escape a doomed Earth. Brand by Hand documents the work, career, and artistic inspiration of graphic designer extraordinaire Jon Contino. Jon is a born-and-bred New Yorker. He talks like one, he acts like one, and most importantly, he designs like one. He is the founder and creative director of Jon Contino Studio, and over the past two decades, he has built a massive collection of award-winning graphic-design work for high-profile clients such as Nike, 20th Century Fox, and Sports Illustrated. Throughout all of this, he has gone to design hell and back, facing obstacles like fear, self-doubt, and bad luck. Brand by Hand documents the work and career of Jon Contino, exploring his lifelong devotion to the guts and grime of New York and cementing his biggest artistic inspirations, from hardcore music to America's favorite pastime. A graphic-design retrospective showcasing his minimalist illustrations and unmistakable hand-lettering, Brand by Hand shares how Contino has taken a passion for pen and ink and turned it into an expanding empire of clients, merchandise, and artwork.

After fifteen years of rising to the pinnacle of the hospitality industry, Chip Conley's company was suddenly undercapitalized and overexposed in the post-dot.com, post-9/11 economy. For relief and inspiration, Conley, the CEO and founder of Joie de Vivre Hospitality, turned to psychologist Abraham Maslow's iconic Hierarchy of Needs. This book explores how Conley's company "the second largest boutique hotelier in the world" overcame the storm that hit the travel industry by applying Maslow's theory to what Conley identifies as the key Relationship Truths in business with Employees, Customers and Investors. Part memoir, part theory, and part application, the book tells of Joie de Vivre's remarkable transformation while providing real world examples from other companies and showing how readers can bring about similar changes in their work and personal lives. Conley explains how to understand the motivations of employees, customers, bosses, and investors, and use that understanding to foster better relationships and build an enduring and profitable corporate culture.

1984 is George Orwell's terrifying vision of a totalitarian future in which everything and everyone is slave to a tyrannical regime lead by The Party. Winston Smith works for the Ministry of Truth in London, chief city of Airstrip One. Big Brother stares out from every poster, the Thought Police uncover every act of betrayal. When Winston finds love with Julia, he discovers that life does not have to be dull and deadening, and awakens to new possibilities. Despite the police helicopters that hover and circle overhead, Winston and Julia begin to question the Party; they are drawn towards conspiracy. Yet Big Brother will not tolerate dissent - even in the mind. For those with original thoughts they invented Room 101. . .

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.

The goal of Norman H. Anderson's new book is to help students develop skills of scientific inference. To accomplish this he organized the book around the "Experimental Pyramid"--six levels that represent a hierarchy of considerations in empirical investigation--conceptual framework, phenomena, behavior, measurement, design, and statistical inference. To facilitate conceptual and empirical understanding, Anderson de-emphasizes computational formulas and null hypothesis testing. Other features include: *emphasis on visual inspection as a basic skill in experimental analysis to help students develop an intuitive appreciation of data patterns; *exercises that emphasize development of conceptual and empirical application of methods of design and analysis and de-emphasize formulas and calculations; and *heavier emphasis on confidence intervals than significance tests. The book is intended for use in graduate-level experimental design/research methods or statistics courses in psychology, education, and other applied social sciences, as well as a professional resource for active researchers. The first 12 chapters present the core concepts graduate students must understand. The next nine chapters serve as a reference handbook by focusing on specialized topics with a minimum of technicalities.

This book showcases the best new international relations research on hierarchy and moves the discipline forward in this new direction.

A New York Times Bestseller From #1 New York Times bestselling author Julia Quinn comes the story of Eloise Bridgerton, in the fifth of her beloved Regency-set novels featuring the charming, powerful Bridgerton family, now a series created by Shondaland for Netflix. ELOISE'S STORY Sir Phillip knew that Eloise Bridgerton was a spinster, and so he'd proposed, figuring that she'd be homely and unassuming, and more than a little desperate for an offer of marriage. Except . . . she wasn't. The beautiful woman on his doorstep was anything but quiet, and when she stopped talking long enough to close her mouth, all he wanted to do was kiss

her . . . and more. Did he think she was mad? Eloise Bridgerton couldn't marry a man she had never met! But then she started thinking . . . and wondering . . . and before she knew it, she was in a hired carriage in the middle of the night, on her way to meet the man she hoped might be her perfect match. Except . . . he wasn't. Her perfect husband wouldn't be so moody and ill-mannered, and while Phillip was certainly handsome, he was a large brute of a man, rough and rugged, and totally unlike the London gentlemen vying for her hand. But when he smiled . . . and when he kissed her . . . the rest of the world simply fell away, and she couldn't help but wonder . . . could this imperfect man be perfect for her?

A guide for constructing and using composite indicators for policy makers, academics, the media and other interested parties. In particular, this handbook is concerned with indicators which compare and rank country performance.

A beautiful gift and keepsake album to record the genealogy and family history.

"A green hunting cap squeezed the top of the fleshy balloon of a head. The green earflaps, full of large ears and uncut hair and the fine bristles that grew in the ears themselves, stuck out on either side like turn signals indicating two directions at once. Full, pursed lips protruded beneath the bushy black moustache and, at their corners, sank into little folds filled with disapproval and potato chip crumbs."

Now a major Sky original production - Season 2 streaming now THE NUMBER ONE INTERNATIONAL AND SUNDAY TIMES BESTSELLER. A Discovery of Witches is the first in the must-read ALL SOULS trilogy. It begins with absence and desire. It begins with blood and fear. It begins with a discovery of witches. Fall under the spell of Diana and Matthew in the stunning first volume of the No.1 internationally bestselling ALL SOULS trilogy. A world of witches, daemons and vampires. A manuscript which holds the secrets of their past and the key to their future. Diana and Matthew - the forbidden love at the heart of it. When historian Diana Bishop opens an alchemical manuscript in the Bodleian Library, it's an unwelcome intrusion of magic into her carefully ordered life. Though Diana is a witch of impeccable lineage, the violent death of her parents while she was still a child convinced her that human fear is more potent than any witchcraft. Now Diana has unwittingly exposed herself to a world she's kept at bay for years; one of powerful witches, creative, destructive daemons and long-lived vampires. Sensing the significance of Diana's discovery, the creatures gather in Oxford, among them the enigmatic Matthew Clairmont, a vampire geneticist. Diana is inexplicably drawn to Matthew and, in a shadowy world of half-truths and old enmities, ties herself to him without fully understanding the ancient line they are crossing. As they begin to unlock the secrets of the manuscript and their feelings for each other deepen, so the fragile balance of peace unravels... Five reasons to read A Discovery of Witches and the All Souls Trilogy 'Rich, thrilling ... A captivating and romantic ripping yarn' E L James 'Intelligent and off-the-wall ... irresistible to Twilight fans' Sunday Times 'I could lose myself in here and never want to come out ... Utterly enchanting on every level' Manda Scott 'Exciting amounts of spells, kisses and battles, and is recounted with enchanting, page-turning panache' Marie Claire 'A bubbling cauldron of illicit desire ... an assured saga that blends romance with fantasy' Daily Mail

O'Reilly's Pocket Guides have earned a reputation as inexpensive, comprehensive, and compact guides that have the stuff but not

the fluff. Every page of Linux Pocket Guide lives up to this billing. It clearly explains how to get up to speed quickly on day-to-day Linux use. Once you're up and running, Linux Pocket Guide provides an easy-to-use reference that you can keep by your keyboard for those times when you want a fast, useful answer, not hours in the man pages. Linux Pocket Guide is organized the way you use Linux: by function, not just alphabetically. It's not the 'bible of Linux'; it's a practical and concise guide to the options and commands you need most. It starts with general concepts like files and directories, the shell, and X windows, and then presents detailed overviews of the most essential commands, with clear examples. You'll learn each command's purpose, usage, options, location on disk, and even the RPM package that installed it. The Linux Pocket Guide is tailored to Fedora Linux--the latest spin-off of Red Hat Linux--but most of the information applies to any Linux system. Throw in a host of valuable power user tips and a friendly and accessible style, and you'll quickly find this practical, to-the-point book a small but mighty resource for Linux users. The Short Story of Art is a new and innovative introduction to the subject of art. Simply constructed, the book explores 50 key works, from the wall paintings of Lascaux to contemporary installations, and then links these to sections on art movements, themes, and techniques. The design of the book allows the student or art enthusiast to easily navigate their way around key periods, artists and styles. Accessible and concise, it simplifies and explains the most important and influential concepts in art, and shows how they are linked. The book explains how, why, and when art changed, who introduced certain things, what they were, where they were produced, and whether they matter. It demystifies artistic jargon, giving readers a thorough understanding and broad enjoyment of art.

Presents a guide to RTF, the internal document markup language that is used by Microsoft Word.

This book assists readers in understanding geometric tolerancing symbols, interpretation, drawings and inspection methods. An accessible writing style covers GTD with step-by-step instructions, and is accompanied by clear and complete photos of setups, drawings, sketches, and detailed examples. Clear and concise chapter topics include datums, inspecting size tolerances, flatness, straightness, circularity, cylindricity, parallelism, perpendicularity, angularity, circular runout, total runout, profile of a line, profile of a surface, concentricity, position tolerances, symmetry, and an introduction to functional gage design. For product engineers, design engineers, manufacturing engineers, quality engineers, and mechanical inspectors.

The #1 guide to the principles and clinical applications of evidence-based medicine has just gotten better! A Doody's Core Title ESSENTIAL PURCHASE for 2011! No other resource helps you to put key evidence-based medicine protocols into daily clinical practice better than Users' Guides to the Medical Literature. An instant classic in its first edition, this detailed, yet highly readable reference demystifies the statistical, analytical, and clinical principles of evidence-based medicine, giving you a hands-on, practical resource that no other text can match. Here, you'll learn how to distinguish solid medical evidence from poor medical evidence, devise the best search strategies for each clinical question, critically appraise the medical literature, and optimally tailor evidence-based medicine for each patient. The new second edition of this landmark resource is now completely revised and refreshed throughout, with expanded coverage of both basic and advanced issues in using evidence-based medicine in clinical practice.

FEATURES: Completely revised and updated to reflect the enormous expansion in medical research and evidence-based resources since the first edition Innovative organization guides you from the fundamentals of using the medical literature to the more advanced strategies and skills for use in every day patient care situations Abundant and current real-world examples drawn from the medical literature are woven throughout, and include important related principles and pitfalls in using medical literature in patient care decisions Practical focus on the key issues in evidence-based practice: What are the results? Are the results valid? How to I apply to results to the care of my patients? More than 60 internationally recognized editors and contributors from the U.S., Canada, South America, Europe, and Asia -- the best of the best in the discipline **NEW** coverage on how to: --Avoid being misled by biased presentations of research findings --Interpret the significance of clinical trials that are discontinued early --Influence clinician behavior to improve patient care --Apply key strategies for teaching evidence-based medicine Also look for JAMAevidence.com, a new interactive database for the best practice of evidence based medicine.

Kristin Neff PhD, is a professor in human development whose 10 years' of research forms the basis of her timely and highly readable book. Self Compassion offers a powerful solution for combating the current malaise of depression, anxiety and self criticism that comes with living in a pressured and competitive culture. Through tried and tested exercises and audio downloads, readers learn the 3 core components that will help replace negative and destructive measures of self worth and success with a kinder and non judgemental approach in order to bring about profound life change and deeper happiness. Self Compassion recognises that we all have weaknesses and limitations, but in accepting this we can discover new ways to achieve improved self confidence, contentment and reach our highest potential. Simply, easily and compassionately. Kristin Neff's expert and practical advice offers a completely new set of personal development tools that will benefit everyone. 'A portable friend to all readers ... who need to learn that the Golden Rule works only if it's reversible: We must learn to treat ourselves as well as we wish to treat others.' Gloria Steinem 'A beautiful book that helps us all see the way to cure the world - one person at a time - starting with yourself. Read it and start the journey.' Rosie O'Donnell

Political Ideologies provides a broad-ranging introduction to both the classical and contemporary political ideologies. Adopting a global outlook, it introduces readers to ideologies' increasingly global reach and the different national versions of these ideologies. Importantly, ideologies are presented as frameworks of interpretation and political commitment, encouraging readers to evaluate how ideologies work in practice, the problematic links between ideas and political action, and the impact of ideologies. Regular learning features encourage readers to think critically about ideologies, and view them as competing and contestable ways of interpreting the world. A unique "stop and think" feature calls for readers to reflect on their own ideological beliefs. Online Resources: Political Ideologies is accompanied by comprehensive online resources, to support political ideology courses. For students: * Further reading and resources for each chapter to help students to undertake further research and deepen their understanding and critical thinking;* Regular updates help students to keep up to date with ideologies as frameworks of understanding and political action in the real world. For lecturers:* Indicative answers to questions in the book provide a framework

for approaching these;* Powerpoint slides to support each chapter, providing an overview and key points to help with planning;* Further discussion and debate ideas, for use in seminars, encourage big picture thinking about the relationships between ideologies.

This practical and inspirational guide to healing from the award-winning, New York Times bestselling author of *The Choice* shows us how to stop destructive patterns and imprisoning thoughts to find freedom and enjoy life. Edith Eger's powerful first book *The Choice* told the story of her survival in the concentration camps, her escape, healing, and journey to freedom. Oprah Winfrey says, "I will be forever changed by Dr. Eger's story." Thousands of people around the world have written to Eger to tell her how *The Choice* moved them and inspired them to confront their own past and try to heal their pain; and to ask her to write another, more "how-to" book. Now, in *The Gift*, Eger expands on her message of healing and provides a hands-on guide that gently encourages us to change the thoughts and behaviors that may be keeping us imprisoned in the past. Eger explains that the worst prison she experienced is not the prison that Nazis put her in but the one she created for herself, the prison within her own mind. She describes the twelve most pervasive imprisoning beliefs she has known—including fear, grief, anger, secrets, stress, guilt, shame, and avoidance—and the tools she has discovered to deal with these universal challenges. Accompanied by stories from Eger's own life and the lives of her patients each chapter includes thought-provoking questions and takeaways, such as: -Would you like to be married to you? -Are you evolving or revolving? -You can't heal what you can't feel. Filled with empathy, insight, and humor, *The Gift* captures the vulnerability and common challenges we all face and provides encouragement and advice for breaking out of our personal prisons to find healing and enjoy life.

Why this book can help you to get started fast with Card Games and Unity It can be intimidating to start with Unity, and while several books can provide comprehensive information, you may, like many other readers, just want to focus on a specific topic and get started fast. This book is part of a series entitled *A Quick Guide To*, and does just this. In this book series, you have the opportunity to get started on a specific topic in less than 60 minutes, delving right into the information that you really need. Of course, you can, after reading this book, move-on to more comprehensive books; however, quite often, you may have little time to complete a project or to get comfortable with a topic fast. In this book entitled *A Quick Guide to Card Games with Unity*, you will discover how to create most of the features found in card games by using simple techniques , and you will learn and practice as you go. By following the techniques and suggestions described in this short book, I can promise you that you will get started very fast and create a simple card matching game. Along the way, you will also learn about C#, sprites, and events and combine these skills to create a card game. Content and structure of this book In this book, you will learn about card games with Unity, including: - Setting-up the interface. - Creating a game manager. - Adding multiple cards automatically. - Associating the correct image to each card. - Shuffling the cards. - Allowing the player to choose and move cards. - Checking for a match The main idea behind this book is to help you to get started quickly with card games. So, if you want to start creating challenging games with simple, yet effective techniques : download this book now!

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.

INSTANT NEW YORK TIMES BESTSELLER “One of the most important books I’ve ever read—an indispensable guide to thinking clearly about the world.” – Bill Gates “Hans Rosling tells the story of ‘the secret silent miracle of human progress’ as only he can. But Factfulness does much more than that. It also explains why progress is so often secret and silent and teaches readers how to see it clearly.” —Melinda Gates "Factfulness by Hans Rosling, an outstanding international public health expert, is a hopeful book about the potential for human progress when we work off facts rather than our inherent biases." - Former U.S. President Barack Obama Factfulness: The stress-reducing habit of only carrying opinions for which you have strong supporting facts. When asked simple questions about global trends—what percentage of the world’s population live in poverty; why the world’s population is increasing; how many girls finish school—we systematically get the answers wrong. So wrong that a chimpanzee choosing answers at random will consistently outguess teachers, journalists, Nobel laureates, and investment bankers. In Factfulness, Professor of International Health and global TED phenomenon Hans Rosling, together with his two long-time collaborators, Anna and Ola, offers a radical new explanation of why this happens. They reveal the ten instincts that distort our perspective—from our tendency to divide the world into two camps (usually some version of us and them) to the way we consume media (where fear rules) to how we perceive progress (believing that most things are getting worse). Our problem is that we don’t know what we don’t know, and even our guesses are informed by unconscious and predictable biases. It turns out that the world, for all its imperfections, is in a much better state than we might think. That doesn’t mean there aren’t real concerns. But when we worry about everything all the time instead of embracing a worldview based on facts, we can lose our ability to focus on the things that threaten us most. Inspiring and revelatory, filled with lively anecdotes and moving stories, Factfulness is an urgent and essential book that will change the way you see the world and empower you to respond to the crises and opportunities of the future. --- “This book is my last battle in my life-long mission to fight devastating ignorance...Previously I armed myself with huge data sets, eye-opening software, an energetic learning style and a Swedish bayonet for sword-swallowing. It wasn’t enough. But I hope this book will be.” Hans Rosling, February 2017.

#1 NEW YORK TIMES BESTSELLER • OPRAH’S BOOK CLUB PICK • NATIONAL BOOK AWARD LONGLIST • “An instant American classic and almost certainly the keynote nonfiction book of the American century thus far.”—Dwight Garner, The New York Times The Pulitzer Prize–winning, bestselling author of The Warmth of Other Suns examines the unspoken caste system that has shaped America and shows how our lives today are still defined by a hierarchy of human divisions. NAMED THE #1 NONFICTION BOOK OF THE YEAR BY TIME, ONE OF THE TEN BEST BOOKS OF THE YEAR BY People • The Washington Post • Publishers Weekly AND ONE OF THE BEST BOOKS OF THE YEAR BY The New York Times Book Review • O: The

Oprah Magazine • NPR • Bloomberg • Christian Science Monitor • New York Post • The New York Public Library • Fortune • Smithsonian Magazine • Marie Claire • Town & Country • Slate • Library Journal • Kirkus Reviews • LibraryReads • PopMatters Winner of the Los Angeles Times Book Prize • National Book Critics Circle Award Finalist • Dayton Literary Peace Prize Finalist • PEN/John Kenneth Galbraith Award for Nonfiction Finalist • PEN/Jean Stein Book Award Longlist “As we go about our daily lives, caste is the wordless usher in a darkened theater, flashlight cast down in the aisles, guiding us to our assigned seats for a performance. The hierarchy of caste is not about feelings or morality. It is about power—which groups have it and which do not.” In this brilliant book, Isabel Wilkerson gives us a masterful portrait of an unseen phenomenon in America as she explores, through an immersive, deeply researched narrative and stories about real people, how America today and throughout its history has been shaped by a hidden caste system, a rigid hierarchy of human rankings. Beyond race, class, or other factors, there is a powerful caste system that influences people’s lives and behavior and the nation’s fate. Linking the caste systems of America, India, and Nazi Germany, Wilkerson explores eight pillars that underlie caste systems across civilizations, including divine will, bloodlines, stigma, and more. Using riveting stories about people—including Martin Luther King, Jr., baseball’s Satchel Paige, a single father and his toddler son, Wilkerson herself, and many others—she shows the ways that the insidious undertow of caste is experienced every day. She documents how the Nazis studied the racial systems in America to plan their out-cast of the Jews; she discusses why the cruel logic of caste requires that there be a bottom rung for those in the middle to measure themselves against; she writes about the surprising health costs of caste, in depression and life expectancy, and the effects of this hierarchy on our culture and politics. Finally, she points forward to ways America can move beyond the artificial and destructive separations of human divisions, toward hope in our common humanity. Beautifully written, original, and revealing, *Caste: The Origins of Our Discontents* is an eye-opening story of people and history, and a reexamination of what lies under the surface of ordinary lives and of American life today.

Explores the Korean language from both a syntactic and semantic perspective, combining mainstream ideas from minimalist syntax and formal semantics.

This quick C++17 guide is a condensed code and syntax reference to the popular programming language, fully updated for C++17. It presents the essential C++ syntax in a well-organized format that can be used as a handy reference. In the C++17 Quick Syntax Reference, you will find short, simple, and focused code examples. This book includes a well laid out table of contents and a comprehensive index allowing for easy review. You won’t find any technical jargon, bloated samples, drawn out history lessons, or witty stories in this book. What you will find is a language reference that is concise, to the point and highly accessible. The book is packed with useful information and is a must-have for any C++ programmer. What You'll Learn Use template argument deduction for class templates Declare non-type template parameters with auto-folding expressions and auto deduction from braced-init-list Apply lambdas and lambda capture by

value Work with inline variables, nested namespaces, structured bindings, and selection statements with initializer Use utf-8 character literals Carry out direct-list initialization of enums Use these new C++17 library features or class templates from `std::variant`, `optional`, `any`, `string_view`, `invoke`, `apply` and more Do splicing for maps and sets, also new to C++17 Who This Book Is For Experienced C++ programmers. Additionally, this is a concise, easily-digested introduction for other programmers new to C++.

Users can dramatically improve the design, performance, and manageability of object-oriented code without altering its interfaces or behavior. "Refactoring" shows users exactly how to spot the best opportunities for refactoring and exactly how to do it, step by step.

Every other day we hear about new ways to put deep learning to good use: improved medical imaging, accurate credit card fraud detection, long range weather forecasting, and more. PyTorch puts these superpowers in your hands, providing a comfortable Python experience that gets you started quickly and then grows with you as you—and your deep learning skills—become more sophisticated. Deep Learning with PyTorch will make that journey engaging and fun. Summary Every other day we hear about new ways to put deep learning to good use: improved medical imaging, accurate credit card fraud detection, long range weather forecasting, and more. PyTorch puts these superpowers in your hands, providing a comfortable Python experience that gets you started quickly and then grows with you as you—and your deep learning skills—become more sophisticated. Deep Learning with PyTorch will make that journey engaging and fun. Foreword by Soumith Chintala, Cocreator of PyTorch. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Although many deep learning tools use Python, the PyTorch library is truly Pythonic. Instantly familiar to anyone who knows PyData tools like NumPy and scikit-learn, PyTorch simplifies deep learning without sacrificing advanced features. It's excellent for building quick models, and it scales smoothly from laptop to enterprise. Because companies like Apple, Facebook, and JPMorgan Chase rely on PyTorch, it's a great skill to have as you expand your career options. It's easy to get started with PyTorch. It minimizes cognitive overhead without sacrificing the access to advanced features, meaning you can focus on what matters the most - building and training the latest and greatest deep learning models and contribute to making a dent in the world. PyTorch is also a snap to scale and extend, and it partners well with other Python tooling. PyTorch has been adopted by hundreds of deep learning practitioners and several first-class players like FAIR, OpenAI, FastAI and Purdue. About the book Deep Learning with PyTorch teaches you to create neural networks and deep learning systems with PyTorch. This practical book quickly gets you to work building a real-world example from scratch: a tumor image classifier. Along the way, it covers best practices for the entire DL pipeline, including the PyTorch Tensor API, loading data in Python, monitoring

training, and visualizing results. After covering the basics, the book will take you on a journey through larger projects. The centerpiece of the book is a neural network designed for cancer detection. You'll discover ways for training networks with limited inputs and start processing data to get some results. You'll sift through the unreliable initial results and focus on how to diagnose and fix the problems in your neural network. Finally, you'll look at ways to improve your results by training with augmented data, make improvements to the model architecture, and perform other fine tuning. What's inside

Training deep neural networks
Implementing modules and loss functions
Utilizing pretrained models from PyTorch Hub
Exploring code samples in Jupyter Notebooks

About the reader
For Python programmers with an interest in machine learning.

About the author
Eli Stevens had roles from software engineer to CTO, and is currently working on machine learning in the self-driving-car industry. Luca Antiga is cofounder of an AI engineering company and an AI tech startup, as well as a former PyTorch contributor. Thomas Viehmann is a PyTorch core developer and machine learning trainer and consultant.

consultant based in Munich, Germany and a PyTorch core developer.

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This volume focuses on two questions: why do people from one social group oppress and discriminate against people from other groups? and why is this oppression so mind numbingly difficult to eliminate? The answers to these questions are framed using the conceptual framework of social dominance theory. Social dominance theory argues that the major forms of intergroup conflict, such as racism, classism and patriarchy, are all basically derived from the basic human predisposition to form and maintain hierarchical and group-based systems of social organization. In essence, social dominance theory presumes that, beneath major and sometimes profound difference between different human societies, there is also a basic grammar of social power shared by all societies in common. We use social dominance theory in an attempt to identify the elements of this grammar and to understand how these elements interact and reinforce each other to produce and maintain group-based social hierarchy.

Updated for both Python 3.4 and 2.7, this guide provides concise information on Python types and statements, special method names, built-in functions and exceptions, commonly used standard library modules, and other prominent Python

tools.--From back cover.

A comprehensive, visionary guide to the karmic cycle and its role within our life-both the life we're living and the lives to come. There is life after death, and Barbara Martin has seen it. Now for the first time comes her inspired, firsthand account of the intricate world of spiritual rebirth. The award-winning authors of *Change Your Aura, Change Your Life* reveal the afterlife in a work based directly on Martin's personal explorations of the world to come and awe-inspiring clairvoyant experience with the spiritual world. Both a fully practical handbook to the ins and outs of the karmic cycle and a field guide to the spiritual plane and how reincarnation works, *Karma and Reincarnation*: -Brings together the design of the world beyond and the mechanics of karma; -Gives practical guidelines and tools to deal effectively with karmic situations and avoid generating adverse karma; -Helps align readers with their spiritual purpose; -Shows readers how to face and resolve their karmic troubles; and -Provides essential keys to spiritual development. A true spiritual wonder in a single, fully accessible volume, *Karma and Reincarnation* is perfect for both those taking their first steps down a spiritual path and longtime spiritual students.

IN SEARCH OF THE GAMMA WOLF We have all watched documentaries in the late hours illustrating the exploits of the dominant Alpha wolf and the Beta wolves that he mauls on his way to the top. But did any wildlife documentary maker ever capture the sneaky exploits of the Gamma wolf? The lone straggler at the back of the pack, with the chewed up tail and mangy fur, who cavorts successfully with the females whilst the Alpha is out of sight? This book is an attempt to graft male society onto a quasi-scientific—but predominantly fictitious—concept of the wolf pack hierarchy. Along with the familiar Alpha and Beta wolves, this book sheds light on the lesser known wolf types: the plucky Gamma wolf and his comrades, the Theta, Omega, Zeta and Omicron wolves. It can be used as a light-hearted guide to any informal or institutional environment to identify different male types, the structure of the hierarchy, and where individuals fit within it. Join the technological revolution that's taking the financial world by storm. *Mastering Bitcoin* is your guide through the seemingly complex world of bitcoin, providing the knowledge you need to participate in the internet of money. Whether you're building the next killer app, investing in a startup, or simply curious about the technology, this revised and expanded second edition provides essential detail to get you started. Bitcoin, the first successful decentralized digital currency, is still in its early stages and yet it's already spawned a multi-billion-dollar global economy open to anyone with the knowledge and passion to participate. *Mastering Bitcoin* provides the knowledge. You simply supply the passion. The second edition includes: A broad introduction of bitcoin and its underlying blockchain—ideal for non-technical users, investors, and business executives An explanation of the technical foundations of bitcoin and cryptographic currencies for developers, engineers, and software and systems architects Details of the bitcoin decentralized network, peer-to-peer architecture, transaction lifecycle, and security principles New developments such as

Segregated Witness, Payment Channels, and Lightning Network A deep dive into blockchain applications, including how to combine the building blocks offered by this platform into higher-level applications User stories, analogies, examples, and code snippets illustrating key technical concepts

'Upward, yet not Northward.' How would a creature limited to two dimensions be able to grasp the possibility of a third? Edwin A. Abbott's droll and delightful 'romance of many dimensions' explores this conundrum in the experiences of his protagonist, A Square, whose linear world is invaded by an emissary Sphere bringing the gospel of the third dimension on the eve of the new millennium. Part geometry lesson, part social satire, this classic work of science fiction brilliantly succeeds in enlarging all readers' imaginations beyond the limits of our 'respective dimensional prejudices'. In a world where class is determined by how many sides you possess, and women are straight lines, the prospects for enlightenment are boundless, and Abbott's hypotheses about a fourth and higher dimensions seem startlingly relevant today. This new edition of Flatland illuminates the social and intellectual context that produced the work as well as the timeless questions that it raises about the limits of our perception and knowledge.

ABOUT THE SERIES: For over 100 years Oxford World's Classics has made available the widest range of literature from around the globe. Each affordable volume reflects Oxford's commitment to scholarship, providing the most accurate text plus a wealth of other valuable features, including expert introductions by leading authorities, helpful notes to clarify the text, up-to-date bibliographies for further study, and much more.

****THE MULTI-MILLION COPY BESTSELLER**** 'Interesting and provocative... It gives you a sense of how briefly we've been on this Earth' Barack Obama What makes us brilliant? What makes us deadly? What makes us Sapiens? Yuval Noah Harari challenges everything we know about being human. Earth is 4.5 billion years old. In just a fraction of that time, one species among countless others has conquered it: us. In this bold and provocative book, Yuval Noah Harari explores who we are, how we got here and where we're going. The perfect gift for curious readers this Christmas. _____ PRAISE FOR SAPIENS: 'Jaw-dropping from the first word to the last... It may be the best book I've ever read' Chris Evans 'Sweeps the cobwebs out of your brain... Radiates power and clarity' Sunday Times 'It altered how I view our species and our world' Guardian 'Startling... It changes the way you look at the world' Simon Mayo 'I would recommend Sapiens to anyone who's interested in the history and future of our species' Bill Gates ****ONE OF THE GUARDIAN'S 100 BEST BOOKS OF THE 21st CENTURY****

Content analysis is one of the most important but complex research methodologies in the social sciences. In this thoroughly updated Second Edition of The Content Analysis Guidebook, author Kimberly Neuendorf provides an accessible core text for upper-level undergraduates and graduate students across the social sciences. Comprising step-by-step instructions and practical advice, this text unravels the complicated aspects of content analysis.

For many researchers, Python is a first-class tool mainly because of its libraries for storing, manipulating, and gaining insight from data. Several resources exist for individual pieces of this data science stack, but only with the Python Data Science Handbook do you get them all—IPython, NumPy, Pandas, Matplotlib, Scikit-Learn, and other related tools. Working scientists and data crunchers

familiar with reading and writing Python code will find this comprehensive desk reference ideal for tackling day-to-day issues: manipulating, transforming, and cleaning data; visualizing different types of data; and using data to build statistical or machine learning models. Quite simply, this is the must-have reference for scientific computing in Python. With this handbook, you'll learn how to use: IPython and Jupyter: provide computational environments for data scientists using Python NumPy: includes the ndarray for efficient storage and manipulation of dense data arrays in Python Pandas: features the DataFrame for efficient storage and manipulation of labeled/columnar data in Python Matplotlib: includes capabilities for a flexible range of data visualizations in Python Scikit-Learn: for efficient and clean Python implementations of the most important and established machine learning algorithms

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