

Statistik Fur Ingenieure Fur Dummies

German Editi

Statistik für Wirtschafts- und Sozialwissenschaftler für Dummies
Statistics Workbook For Dummies
Wirtschaft und Statistik
Statistics For Dummies
Zeitschrift für Baukunde
Modern German Grammar
Deutsche Nationalbibliographie und Bibliographie der im Ausland erschienenen deutschsprachigen
Veröffentlichungen
The Planning System and Planning Terms in Germany
Artificial Intelligence For Dummies
German books in print
Statistics II for Dummies
MATLAB For Dummies
Handbook of Driver Assistance Systems
Geography For Dummies
Beginning Programming with Python For Dummies
A Guide to Statistical Methods and to the Pertinent Literature / Literatur Zur Angewandten Statistik
The Denazification of Germany
A Spectre Is Haunting Arabia
Fundamental Analysis For Dummies
Probability For Dummies
European Coatings Handbook
Korean For Dummies
Classical and New Paradigms of Computation and their Complexity Hierarchies
Data Science For Dummies
Basic Math & Pre-Algebra For Dummies
Foundations of the Formal Sciences II
Biologically Inspired Design
Women, Business and the Law
Deutsch Heute
Jus Divinum Regiminis Ecclesiastici, Or, The Divine Right of Church-government, Asserted and
Evidenced by the Holy Scriptures ... In All Which It is Apparent, That the Presbyteriall Government,
by Preaching and Ruling Presbyters, in Congregationall, ...
Electrical Engineering Without Prior Knowledge
Exploratory Data Analysis with MATLAB
Algorithms For Dummies
Visual Differential Geometry and Forms
Java For Dummies
Jazz For Dummies
Infinite Powers
Hito Steyerl Catalogue
Wanted and Welcome?
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2013-08-19 Thomas Krickhahn
Statistisch gesehen sind 30% der Studenten schon mal durch eine Statistik-Klausur gefallen. Das kann Ihnen mit diesem Buch nicht passieren. Dr. Thomas Krickhahn erklärt Wirtschafts- und Sozialwissenschaftlern die wichtigsten Grundlagen der beschreibenden und schließenden Statistik. Begriffe und Formeln erklärt er anschaulich und liefert zu jeder Formel auch gleich noch ein anschauliches Beispiel mit, in dem Sie die Anwendung der Formel sehen und Schritt für Schritt nachvollziehen können.
2005-05-27 Deborah Rumsey
Presents an introduction to statistics, providing information on analyzing and interpreting data, knowing where to begin solving problems, and more.
2004 Germany (West).
Statistisches Bundesamt
2016-06-07 Deborah J. Rumsey
The fun and easy way to get down to business with statistics
Stymied by statistics? No fear? this friendly guide offers clear, practical explanations of statistical ideas, techniques, formulas, and calculations, with lots of examples that show you how these concepts apply to your everyday life. Statistics For Dummies shows you how to

interpret and critique graphs and charts, determine the odds with probability, guesstimate with confidence using confidence intervals, set up and carry out a hypothesis test, compute statistical formulas, and more. Tracks to a typical first semester statistics course
Updated examples resonate with today's students
Explanations mirror teaching methods and classroom protocol
Packed with practical advice and real-world problems, Statistics For Dummies gives you everything you need to analyze and interpret data for improved classroom or on-the-job performance.
1883
2013-03-01 Ruth Whittle
Modern German Grammar: A Practical Guide, Third Edition is an innovative reference guide to German, combining traditional and function-based grammar in a single volume. The Grammar is divided into two parts. Part A covers grammatical categories such as word order, nouns, verbs and adjectives. Part B is organised according to language functions and notions such as: making introductions asking for something to be done delivering a speech possibility satisfaction. The book

addresses learners' practical needs and presents grammar in both a traditional and a communicative setting. New to this edition, and building on feedback from the previous edition: The rules of the latest (and so far final) spelling reform have been implemented throughout. Examples of usage have been updated and consideration given to Swiss and Austrian variants. The chapter on register has been expanded and now includes youth language and frequently used Anglicisms in German. The Index now has even more key words; it has also been redesigned to differentiate between German words, grammar terms, and functions, thus making it more user-friendly. The Grammar assumes no previous grammatical training and is intended for all those who have a basic knowledge of German, from intermediate learners in schools and adult education to undergraduates taking German as a major or minor part of their studies. The Grammar is accompanied by a third edition of Modern German Grammar Workbook (ISBN 978-0-415-56725-1) which features exercises and activities directly linked to the Grammar. Ruth Whittle is

Lecturer, John Klapper is Professor of Foreign Language Pedagogy, Katharina Glöckel is the Austrian Lektorin and Bill Dodd is Professor of Modern German Studies - all at the University of Birmingham. Christine Eckhard-Black is Tutor and Advisor in German at the Oxford University Language Centre.

2008

2008 Elke Pahl-Weber At a time when Europe is growing together, cooperation between countries is becoming increasingly necessary. One of the main reasons for pursuing transnational spatial development is to attain a common understanding of the facts of spatial planning. Hence, the INTERREG III B project "COMMIN" sought to establish a common communication basis for the exchange of knowledge and experience in spatial planning and thus to foster and develop this understanding in the Baltic Sea region. Therefore, on the basis of a standardized structure the COMMIN project partners prepared basic information about institutional settings and spatial planning systems and compiled a glossary of key terminology in spatial planning accompanied by a varying range of fact sheets with respect to planning cases taken as examples. The readers will now find on www.commin.org the whole range of information covering the respective national languages as well as English translations, although in some countries official translations for these issues were lacking. The project partners were

aware of the fact that each translation requires a balancing act between legal precision and communicable classification and, at the end, is a question of definition power and of different senses for semantics. The German text on hand (status December 2006) one information package out of eleven was prepared by a team comprising planners, lawyers, economists, and administrative academics. Actually no other publication treating this subject in English exists and it will hopefully contribute not only to understanding planning issues in Europe but also to transferring in this respect information and knowledge within the country. Anyway, being aware of differences between countries is a point of departure for the mutual understanding process.

2018-04-17 John Paul Mueller Step into the future with AI The term "Artificial Intelligence" has been around since the 1950s, but a lot has changed since then. Today, AI is referenced in the news, books, movies, and TV shows, and the exact definition is often misinterpreted. Artificial Intelligence For Dummies provides a clear introduction to AI and how it's being used today. Inside, you'll get a clear overview of the technology, the common misconceptions surrounding it, and a fascinating look at its applications in everything from self-driving cars and drones to its contributions in the medical field. Learn about what AI has contributed to society Explore uses for AI in computer applications Discover the limits

of what AI can do Find out about the history of AI The world of AI is fascinating—and this hands-on guide makes it more accessible than ever! 1997

2009-08-31 Deborah J. Rumsey The ideal supplement and study guide for students preparing for advanced statistics Packed with fresh and practical examples appropriate for a range of degree-seeking students, Statistics II For Dummies helps any reader succeed in an upper-level statistics course. It picks up with data analysis where Statistics For Dummies left off, featuring new and updated examples, real-world applications, and test-taking strategies for success. This easy-to-understand guide covers such key topics as sorting and testing models, using regression to make predictions, performing variance analysis (ANOVA), drawing test conclusions with chi-squares, and making comparisons with the Rank Sum Test.

2021-06-29 John Paul Mueller Go from total MATLAB newbie to plotting graphs and solving equations in a flash! MATLAB is one of the most powerful and commonly used tools in the STEM field. But did you know it doesn't take an advanced degree or a ton of computer experience to learn it? MATLAB For Dummies is the roadmap you've been looking for to simplify and explain this feature-filled tool. This handy reference walks you through every step of the way as you learn the MATLAB language and environment inside-and-

out. Starting with straightforward basics before moving on to more advanced material like Live Functions and Live Scripts, this easy-to-read guide shows you how to make your way around MATLAB with screenshots and newly updated procedures. It includes: A comprehensive introduction to installing MATLAB, using its interface, and creating and saving your first file Fully updated to include the 2020 and 2021 updates to MATLAB, with all new screenshots and up-to-date procedures Enhanced debugging procedures and use of the Symbolic Math Toolbox Brand new instruction on working with Live Scripts and Live Functions, designing classes, creating apps, and building projects Intuitive walkthroughs for MATLAB's advanced features, including importing and exporting data and publishing your work Perfect for STEM students and new professionals ready to master one of the most powerful tools in the fields of engineering, mathematics, and computing, MATLAB For Dummies is the simplest way to go from complete newbie to power user faster than you would have thought possible. 2015-10-15 Hermann Winner This fundamental work explains in detail systems for active safety and driver assistance, considering both their structure and their function. These include the well-known standard systems such as Anti-lock braking system (ABS), Electronic Stability Control (ESC) or Adaptive Cruise Control (ACC). But it includes

also new systems for protecting collisions protection, for changing the lane, or for convenient parking. The book aims at giving a complete picture focusing on the entire system. First, it describes the components which are necessary for assistance systems, such as sensors, actuators, mechatronic subsystems, and control elements. Then, it explains key features for the user-friendly design of human-machine interfaces between driver and assistance system. Finally, important characteristic features of driver assistance systems for particular vehicles are presented: Systems for commercial vehicles and motorcycles.

2011-05-12 Charles A. Heatwole Geography is more than just trivia, it can help you understand why we import or export certain products, predict climate change, and even show you where to place fire and police stations when planning a city. If you're curious about the world and want to know more about this fascinating place, Geography For Dummies is a great place to start. Whether you're sixteen or sixty, this fun and easy guide will help you make more sense of the world you live in. Geography For Dummies gives you the tools to interpret the Earth's grid, read and interpret maps, and to appreciate the importance and implications of geographical features such as volcanoes and fault lines. Plus, you'll see how erosion and weathering have and will change the earth's surface and how it impacts people. You'll

get a firm hold of everything from the physical features of the world to political divisions, population, culture, and economics. You'll also discover: How you can have a rainforest on one side of a mountain range and a desert on the other How ocean currents help to determine the geography of climates How to choose a good location for a shopping mall How you can properly put the plant to good use in everything you do How climate affects humans and how humans have affected the climate How human population has spread and the impact it has had on our world If you're mixed up by map symbols or mystified by Mercator projections Geography For Dummies can help you find your bearings. Filled with key insights, easy-to-read maps, and cool facts, this book will expand your understanding of geography and today's world. 2018-02-13 John Paul Mueller The easy way to learn programming fundamentals with Python Python is a remarkably powerful and dynamic programming language that's used in a wide variety of application domains. Some of its key distinguishing features include a very clear, readable syntax, strong introspection capabilities, intuitive object orientation, and natural expression of procedural code. Plus, Python features full modularity, supporting hierarchical packages, exception-based error handling, and modules easily written in C, C++, Java, R, or .NET languages, such as C#. In addition, Python

supports a number of coding styles that include: functional, imperative, object-oriented, and procedural. Due to its ease of use and flexibility, Python is constantly growing in popularity—and now you can wear your programming hat with pride and join the ranks of the pros with the help of this guide. Inside, expert author John Paul Mueller gives a complete step-by-step overview of all there is to know about Python. From performing common and advanced tasks, to collecting data, to interacting with package—this book covers it all! Use Python to create and run your first application Find out how to troubleshoot and fix errors Learn to work with Anaconda and use Magic Functions Benefit from completely updated and revised information since the last edition If you've never used Python or are new to programming in general, *Beginning Programming with Python For Dummies* is a helpful resource that will set you up for success.

1986-09-01 Lothar Sachs

2007 Alexander Perry

Biddiscombe In 1945, the word Germany was synonymous with chaos. The country had become a scene of unprecedented devastation, wrought mainly by a trio of calamities - aerial bombardment, ground fighting and scorched earth measures. The nation's cities and industries lay in ruins, its transportation system was paralyzed and its population was desperately war weary. Millions had become refugees, Germans fleeing the bomb-

battered cities and advancing enemy forces, and foreign slave labourers and concentration camp inmates, liberated by the Allies. Amidst a humanitarian crisis of almost unimaginable proportions, the occupiers ordered the mass dismissal of millions of Nazi Party members from government offices threatening the operation of local waterworks, food provisioning systems, hospitals and police forces. Perry Biddiscombe's new book is the first history of denazification of Germany, which has provided the model - albeit flawed - for the De-Communization of Eastern Europe and the De-Baathification of Iraq. The author explores the ideological basis of denazification, German reactions to denazification and assesses how successful the programme was.

2015-10 Miriam M. Müller

Fascism, Islamism, Communism -- truth claims, promises of salvation and the unifying force of a common enemy. Radical ideologies may sound very different at first glance, but they do follow similar patterns and make use of similar methods. In Yemen's transition process today, Al-Hirak, a new secessionist movement, is resurrecting symbols of former South Yemen, the only Marxist state in Arabia. Based on a wide range of unpublished documents, this book provides answers to why and how this fundamentally alien ideology was once able to take root in Yemen and for the very first time sheds light on East Germany's vital role in Moscow's socialist state and

nation building policy in the Global South.

2016-05-02 Matthew Krantz

Determine the strength of any business with fundamental analysis Have you ever wondered the key to multibillionaire Warren Buffet's five-decade run as the most successful investor in history? The answer is simple: fundamental analysis. In this easy-to-understand, practical, and savvy guide, you'll discover how it helps you assess a business' overall financial performance by using historical and present data to forecast its future monetary value—and why this powerful tool is particularly important to investors in times of economic downturn. It's more important than ever for investors to know the true financial stability of a business, and this new edition of *Fundamental Analysis For Dummies* shows you how. Whether you're a seasoned investor or just want to learn how to make more intelligent and prudent investment decisions, this plain-English guide gives you practical tips, tricks, and trade secrets for using fundamental analysis to manage your portfolio and enhance your understanding of shrewdly selecting stocks! Predict the future value of a business based on its current and historical financial data Gauge a company's performance against its competitors Determine if a company's credit standing is in jeopardy Apply fundamental analysis to other investment vehicles, like currency, bonds, and commodities With the help of *Fundamental Analysis For*

Dummies, you just may find the bargains that could make you the next Warren Buffet!

2018-05-25 Deborah J. Rumsey
Packed with practical tips and techniques for solving probability problems Increase your chances of acing that probability exam -- or winning at the casino! Whether you're hitting the books for a probability or statistics course or hitting the tables at a casino, working out probabilities can be problematic. This book helps you even the odds. Using easy-to-understand explanations and examples, it demystifies probability -- and even offers savvy tips to boost your chances of gambling success! Discover how to * Conquer combinations and permutations * Understand probability models from binomial to exponential * Make good decisions using probability * Play the odds in poker, roulette, and other games

2000 Thomas Brock
2011-05-23 Jungwook Hong
Start speaking Korean the fun and easy way with Korean For Dummies, a no-nonsense guide to Korean culture and the basics of Korean language. Pick up basic phrases and commonly used words so that you can converse with Koreans in both business and personal situations. You'll learn Korean for everyday life and task-specific expressions for Korean on the go. In addition, you'll discover important and fascinating aspects of Korean culture. This handy guide won't burden you with lists of grammar rules; just look up the phrases and cultural phrases that you need or read through

the whole book for a general overview. You'll be able to place material in a daily context with cultural tidbits, phonetic spelling of Korean words, and the recorded Korean dialogues on the accompanying CD. Exercises will jog your memory and reinforce everything that you learn. Find out how to: Use basic phrases and words correctly Converse intelligently about Korean culture Do business with a Korean company Say task-specific expressions Pronounce Korean words Put material in a real-world context Make a good first impression with Koreans Complete with lists of ten ways to learn Korean quickly, ten phrases to make you sound Korean, ten expressions that Koreans like to use, and ten things you should never do around a Korean, Korean For Dummies is your one-stop guide to speaking basic Korean and understanding the fundamentals of Korean culture.

2007-11-04 Benedikt Löwe
The notion of complexity is an important contribution of logic to theoretical computer science and mathematics. This volume attempts to approach complexity in a holistic way, investigating mathematical properties of complexity hierarchies at the same time as discussing algorithms and computational properties. A main focus of the volume is on some of the new paradigms of computation, among them Quantum Computing and Infinitary Computation. The papers in the volume are tied together by an introductory

article describing abstract properties of complexity hierarchies. This volume will be of great interest to both mathematical logicians and theoretical computer scientists, providing them with new insights into the various views of complexity and thus shedding new light on their own research.

2017-03-06 Lillian Pierson
Discover how data science can help you gain in-depth insight into your business - the easy way! Jobs in data science abound, but few people have the data science skills needed to fill these increasingly important roles. Data Science For Dummies is the perfect starting point for IT professionals and students who want a quick primer on all areas of the expansive data science space. With a focus on business cases, the book explores topics in big data, data science, and data engineering, and how these three areas are combined to produce tremendous value. If you want to pick-up the skills you need to begin a new career or initiate a new project, reading this book will help you understand what technologies, programming languages, and mathematical methods on which to focus. While this book serves as a wildly fantastic guide through the broad, sometimes intimidating field of big data and data science, it is not an instruction manual for hands-on implementation. Here's what to expect: Provides a background in big data and data engineering before moving on to data science and how it's applied to generate

value Includes coverage of big data frameworks like Hadoop, MapReduce, Spark, MPP platforms, and NoSQL Explains machine learning and many of its algorithms as well as artificial intelligence and the evolution of the Internet of Things Details data visualization techniques that can be used to showcase, summarize, and communicate the data insights you generate It's a big, big data world out there—let Data Science For Dummies help you harness its power and gain a competitive edge for your organization. 2016-05-18 Mark Zegarelli Basic Math & Pre-Algebra For Dummies, 2nd Edition (9781119293637) was previously published as Basic Math & Pre-Algebra For Dummies, 2nd Edition (9781118791981). While this version features a new Dummies cover and design, the content is the same as the prior release and should not be considered a new or updated product. Tips for simplifying tricky basic math and pre-algebra operations Whether you're a student preparing to take algebra or a parent who wants or needs to brush up on basic math, this fun, friendly guide has the tools you need to get in gear. From positive, negative, and whole numbers to fractions, decimals, and percents, you'll build necessary math skills to tackle more advanced topics, such as imaginary numbers, variables, and algebraic equations. Explanations and practical examples that mirror today's teaching methods Relevant cultural vernacular and

references Standard For Dummies materials that match the current standard and design Basic Math & Pre-Algebra For Dummies takes the intimidation out of tricky operations and helps you get ready for algebra! 2013-04-17 Benedikt Löwe "Foundations of the Formal Sciences" (FotFS) is a series of interdisciplinary conferences in mathematics, philosophy, computer science and linguistics. The main goal is to reestablish the traditionally strong links between these areas of research that have been lost in the past decades. The second conference in the series had the subtitle "Applications of Mathematical Logic in Philosophy and Linguistics" and brought speakers from all parts of the Formal Sciences together to give a holistic view of how mathematical methods can improve our philosophical and technical understanding of language and scientific discourse, ranging from the theoretical level up to applications in language recognition software. Audience: This volume is of interest to all formal philosophers and theoretical linguists. In addition to that, logicians interested in the applications of their field and logic students in mathematics, computer science, philosophy and linguistics can use the volume to broaden their knowledge of applications of logic. 2013-07-16 Ashok K Goel From simple cases such as hook and latch attachments found in Velcro to articulated-wing flying vehicles, biology often

has been used to inspire many creative design ideas. The scientific challenge now is to transform the paradigm into a repeatable and scalable methodology. Biologically Inspired Design explores computational techniques and tools that can help integrate the method into design practice. With an inspiring foreword from Janine Benyus, Biologically Inspired Design contains a dozen chapters written by some of the leading scholars in the transdisciplinary field of bioinspired design, such as Frank Fish, Julian Vincent and Jeannette Yen from biology, and Amaresk Chakrabarti, Satyandra Gupta and Li Shu from engineering. Based in part on discussions at two workshops sponsored by the United States National Science Foundation, this volume introduces and develops several methods and tools for bioinspired design including: Information-processing theories, Natural language techniques, Knowledge-based tools, and Functional approaches and Pedagogical techniques. By exploring these fundamental theories, techniques and tools for supporting biologically inspired design, this volume provides a comprehensive resource for design practitioners wishing to explore the paradigm, an invaluable guide to design educators interested in teaching the method, and a preliminary reading for design researchers wanting to investigate bioinspired design. 2013-11-07 Bloomsbury Publishing Women perform

66% of the world's work, produce 50% of the food, but earn 10% of the income and own 1% of the property. To shed light on why this grim statistic still holds true, *Women, Business and the Law* aims to examine legal differentiations on the basis of gender in 143 of the world's economies. *Women, Business and the Law* tracks governments' actions to expand economic opportunities for women across six key areas: accessing institutions, using property, getting a job, providing incentives to work, building credit and going to court. The report uncovers legal differentiations for women and married versus unmarried women such as being able to register a business, open a bank account and work at night. These issues are of fundamental importance. When, because of tradition, social taboos or simple prejudice, half of the world's population is prevented from making its contribution to the life of a nation, the economy will suffer. The empirical evidence does suggest that, slowly but surely, governments are making progress in expanding opportunities for women. It is our hope that data presented in *Women, Business and the Law* will both facilitate research on linkages between legal differentiation and outcomes for women, and promote better informed policy choices on what governments can do to expand opportunities for women.

1992 Jack Moeller

2021-09-09 Anonymous This work has been selected by

scholars as being culturally important and is part of the knowledge base of civilization as we know it. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. To ensure a quality reading experience, this work has been proofread and republished using a format that seamlessly blends the original graphical elements with text in an easy-to-read typeface. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

2020-10-23 Benjamin Spahic Listing: Electrical engineering without priors knowledge - Understand the basics within seven days Two in One: You will receive the eBook in PDF format free of charge when you buy the paperback! Would you like to understand electrical circuits and be able to apply the basics of electrical engineering? No problem - with the help of this electrical engineering beginner's guide, you will be able to understand the basic effects of electric current, voltage and energy in no time at all. This guide covers the basics of direct current technology. Real practical examples and small exercises alongside the text help you understand. With the

help of this beginner's guide, many satisfied readers have already been able to get into the subject and expand their own skills - see for yourself!

Advantages of this book:
Simply explained - written in a way understandable for everyone To the point - 114 pages in a practical pocketbook format Relevant to everyday life - real practical examples Clear and structured - important remarks and formulas are highlighted Bonus chapter included What the book contains: Review of the most important mathematical and physical basics Power, current and voltage explained Electromagnetism: cause and effect Understand electrical circuit diagrams: the correct notation and structure The most important components: resistors, capacitors and many more! Bonus: Practical example - a real circuit to reproduce Do not hesitate any longer - order the guide now, and soon you will understand the basics of electrical engineering!

2017-08-07 Wendy L. Martinez Praise for the Second Edition: "The authors present an intuitive and easy-to-read book. ... accompanied by many examples, proposed exercises, good references, and comprehensive appendices that initiate the reader unfamiliar with MATLAB." —Adolfo Alvarez Pinto, International Statistical Review

"Practitioners of EDA who use MATLAB will want a copy of this book. ... The authors have done a great service by bringing together so many EDA routines, but their main accomplishment in this

dynamic text is providing the understanding and tools to do EDA. —David A Huckaby, MAA Reviews Exploratory Data Analysis (EDA) is an important part of the data analysis process. The methods presented in this text are ones that should be in the toolkit of every data scientist. As computational sophistication has increased and data sets have grown in size and complexity, EDA has become an even more important process for visualizing and summarizing data before making assumptions to generate hypotheses and models. Exploratory Data Analysis with MATLAB, Third Edition presents EDA methods from a computational perspective and uses numerous examples and applications to show how the methods are used in practice. The authors use MATLAB code, pseudo-code, and algorithm descriptions to illustrate the concepts. The MATLAB code for examples, data sets, and the EDA Toolbox are available for download on the book's website. New to the Third Edition Random projections and estimating local intrinsic dimensionality Deep learning autoencoders and stochastic neighbor embedding Minimum spanning tree and additional cluster validity indices Kernel density estimation Plots for visualizing data distributions, such as beanplots and violin plots A chapter on visualizing categorical data
2017-04-24 John Paul Mueller Discover how algorithms shape and impact our digital world All data, big or small, starts with

algorithms. Algorithms are mathematical equations that determine what we see—based on our likes, dislikes, queries, views, interests, relationships, and more—online. They are, in a sense, the electronic gatekeepers to our digital, as well as our physical, world. This book demystifies the subject of algorithms so you can understand how important they are business and scientific decision making. Algorithms for Dummies is a clear and concise primer for everyday people who are interested in algorithms and how they impact our digital lives. Based on the fact that we already live in a world where algorithms are behind most of the technology we use, this book offers eye-opening information on the pervasiveness and importance of this mathematical science—how it plays out in our everyday digestion of news and entertainment, as well as in its influence on our social interactions and consumerism. Readers even learn how to program an algorithm using Python! Become well-versed in the major areas comprising algorithms Examine the incredible history behind algorithms Get familiar with real-world applications of problem-solving procedures Experience hands-on development of an algorithm from start to finish with Python If you have a nagging curiosity about why an ad for that hammock you checked out on Amazon is appearing on your Facebook page, you'll find Algorithm for Dummies to be an enlightening introduction to

this integral realm of math, science, and business.
2021-07-13 Tristan Needham An inviting, intuitive, and visual exploration of differential geometry and forms Visual Differential Geometry and Forms fulfills two principal goals. In the first four acts, Tristan Needham puts the geometry back into differential geometry. Using 235 hand-drawn diagrams, Needham deploys Newton's geometrical methods to provide geometrical explanations of the classical results. In the fifth act, he offers the first undergraduate introduction to differential forms that treats advanced topics in an intuitive and geometrical manner. Unique features of the first four acts include: four distinct geometrical proofs of the fundamentally important Global Gauss-Bonnet theorem, providing a stunning link between local geometry and global topology; a simple, geometrical proof of Gauss's famous Theorema Egregium; a complete geometrical treatment of the Riemann curvature tensor of an n -manifold; and a detailed geometrical treatment of Einstein's field equation, describing gravity as curved spacetime (General Relativity), together with its implications for gravitational waves, black holes, and cosmology. The final act elucidates such topics as the unification of all the integral theorems of vector calculus; the elegant reformulation of Maxwell's equations of electromagnetism in terms of 2-forms; de Rham cohomology; differential

geometry via Cartan's method of moving frames; and the calculation of the Riemann tensor using curvature 2-forms. Six of the seven chapters of Act V can be read completely independently from the rest of the book. Requiring only basic calculus and geometry, Visual Differential Geometry and Forms provocatively rethinks the way this important area of mathematics should be considered and taught.

2011-03-03 Barry A. Burd Start building powerful programs with Java 6—fast! Get an overview of Java 6 and begin building your own programs Even if you're new to Java programming—or to programming in general—you can get up and running on this wildly popular language in a hurry. This book makes it easy! From how to install and run Java to understanding classes and objects and juggling values with arrays and collections, you will get up to speed on the new features of Java 6 in no time. Discover how to Use object-oriented programming Work with the changes in Java 6 and JDK 6 Save time by reusing code Mix Java and Javascript with the new scripting tools Troubleshoot code problems and fix bugs All on the bonus CD-ROM Custom build of JCreator and all the code files used in the book Bonus chapters not included in the book Trial version of Jindent, WinOne, and NetCaptor freeware System Requirements: For details and complete system requirements, see the CD-ROM appendix. Note: CD-ROM/DVD and other supplementary materials are

not included as part of eBook file.

2011-04-20 Dirk Sutro Includes a list of more than 100 recordings for your jazz collection The fun and easy way to explore the world of jazz Jazz is America's greatest music, but with over a century's worth of styles and artists, where do you begin? Relax! This hep cat's guide delivers the scoop on the masters and their music -- from Duke Ellington to Charlie Parker to Wynton Marsalis. It's just what you need to tune in to the history and musical structure of jazz and become a more savvy listener. Discover how to * Understand the traits and roots of jazz * Tune in to jazz styles, from big band to bebop * Listen to great jazz artists * Catch a live jazz performance * Succeed in a jazz ensemble Praise for Jazz For Dummies "Now you can finally know about one of . . . America's greatest contributions to world culture." --Jon Faddis, jazz trumpeter "Fun to read. . . . An important stepping stone to understanding this complex and profound music." --James Moody, jazz saxophonist "Dirk Sutro is madly in love with jazz and . . . he knows what he's talking about." --"Chubby" Jackson, jazz bassist

2019 Steven Strogatz From preeminent math personality and author of The Joy of x, a brilliant and endlessly appealing explanation of calculus - how it works and why it makes our lives immeasurably better. Without calculus, we wouldn't have cell phones, TV, GPS, or

ultrasound. We wouldn't have unraveled DNA or discovered Neptune or figured out how to put 5,000 songs in your pocket. Though many of us were scared away from this essential, engrossing subject in high school and college, Steven Strogatz's brilliantly creative, down-to-earth history shows that calculus is not about complexity; it's about simplicity. It harnesses an unreal number--infinity--to tackle real-world problems, breaking them down into easier ones and then reassembling the answers into solutions that feel miraculous. Infinite Powers recounts how calculus tantalized and thrilled its inventors, starting with its first glimmers in ancient Greece and bringing us right up to the discovery of gravitational waves (a phenomenon predicted by calculus). Strogatz reveals how this form of math rose to the challenges of each age: how to determine the area of a circle with only sand and a stick; how to explain why Mars goes "backwards" sometimes; how to make electricity with magnets; how to ensure your rocket doesn't miss the moon; how to turn the tide in the fight against AIDS. As Strogatz proves, calculus is truly the language of the universe. By unveiling the principles of that language, Infinite Powers makes us marvel at the world anew.

2020-09 Doris Krystof Florian Ebner

2013-03-25 Triadafilos Triadafilopoulos This book considers the origins, performance and diffusion of national immigration policies

targeting highly skilled immigrants. Unlike asylum seekers and immigrants admitted under family reunification streams, highly skilled immigrants are typically cast as “wanted and welcome” as a consequence of their potential economic contribution to the receiving society and putative assimilability. Testing the degree to which this assumption holds is the principle aim of this book. In contrast to publications which see highly skilled immigration as functional response to labor market needs, the book probes the political and sociological dimensions of policy, drawing on contributions from an international group of established and new scholars from the fields of history, law, political science, sociology, and public policy. The book is organized into four parts. Part I probes the origins of post-WWII immigration policies in Canada, Australia, and the United States. Part II analyzes recent debates on highly skilled immigration policy in the United States, whose origins go back to the 1965 Act by Congress which favored family

reunification over skilled immigration. Part III considers the degree to which highly skilled immigrants are welcome, by focusing on the integration trajectories of foreign trained professionals in Canada. Paradoxically, just as Canada has succeeded in orienting its admissions system more explicitly toward privileging highly educated and skilled professionals, highly skilled immigrants have experienced worsening economic outcomes as reflected in rates of unemployment and falling earnings. Part IV considers the internationalization of highly skilled immigration policies, focusing on Europe’s most important immigration countries, Germany and Britain. As is true in Canada, the labor market outcomes for highly skilled immigrants in Europe are disappointing, and the final chapter discusses why this is the case and what might be done to improve matters. Given its combination of cross-disciplinary insights, cross-national comparisons, and empirical richness, the book will be of interest to both scholars and policymakers concerned with immigration

policy.

2013-06-05 Roberto Pedace
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