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A Course in Phonetics Peter Ladefoged 2014-01-03 Providing a broad overview and packed with examples, A COURSE IN PHONETICS, 7e remains the ideal introduction to phonetics-no previous

knowledge required! With its reader-friendly writing style, the book introduces concepts of speech production, describes speech in acoustic terms, and teaches practical phonetic skills, including IPA transcription. In addition, expanded sections on acoustic phonetics and speech motor control help readers use tools for digital inspection and manipulation of speech. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

International Encyclopedia of Information and Library Science John Feather 2003-09-02 The International Encyclopedia of Information and Library Science was published to widespread acclaim in 1996, and has become the major reference work in the field. This eagerly awaited new edition has been fully revised and updated to take full account of the many and radical changes which have taken place since the Encyclopedia was originally conceived. With nearly 600 entries, written by a global team of over 150 contributors, the subject matter ranges from mobile library services provided by camel and donkey transport to search engines, portals and the World Wide Web. The new edition retains the successful structure of the first with an

alphabetical organization providing the basic framework of a coherent collection of connected entries. Conceptual entries explore and explicate all the major issues, theories and activities in information and library science, such as the economics of information and information management. A wholly new entry on information systems, and enhanced entries on the information professions and the information society, are key features of this new edition. Topical entries deal with more specific subjects, such as collections management and information services for ethnic minorities. New or completely revised entries include a group of entries on information law, and a collection of entries on the Internet and the World Wide Web.

Capturing Sound Mark Katz 2010-10-07 "Roth Family Foundation music in America imprint"--Prelim. p.

Rapid Prototyping of Digital Systems James O. Hamblen 2007-05-08 Rapid Prototyping of Digital Systems, Second Edition provides an exciting and challenging laboratory component for an undergraduate digital logic design class. The more advanced topics and exercises are also appropriate for consideration at schools that have an upper level course in

digital logic or programmable logic. Design engineers working in industry will also want to consider this book for a rapid introduction to FPLD technology and logic synthesis using commercial CAD tools, especially if they have not had previous experience with the new and rapidly evolving technology. Two tutorials on the Altera CAD tool environment, an overview of programmable logic, and a design library with several easy-to-use input and output functions were developed for this book to help the reader get started quickly. Early design examples use schematic capture and library components. VHDL is used for more complex designs after a short introduction to VHDL-based synthesis. A coupon is included with the text for purchase of the new UP 1X board. The additional logic and memory in the UP 1X's FLEX 10K70 is useful on larger design projects such as computers and video games. The second edition includes an update chapter on programmable logic, new robot sensors and projects, optional Verilog examples, and a meta assembler which can be used to develop assemble language programs for the computer designs in Chapters 8 and 13. *Elementary Statistics* Ron Larson 2006 Every aspect of

Elementary Statistics has been carefully crafted to help readers learn statistics. The Third Edition features many updates and revisions that place increased emphasis on interpretation of results and critical thinking over calculations. Chapter topics include probability, discrete probability distributions, normal probability distributions, confidence intervals, hypothesis testing, correlation and regression, chi-square tests and the f-distribution, and nonparametric tests. For readers who want a comprehensive, step-by-step, flexible introduction to statistics.

Android Hacker's Handbook Joshua J. Drake 2014-03-26 The first comprehensive guide to discovering and preventingattacks on the Android OS As the Android operating system continues to increase its shareof the smartphone market, smartphone hacking remains a growingthreat. Written by experts who rank among the world's foremostAndroid security researchers, this book presents vulnerabilitydiscovery, analysis, and exploitation tools for the good guys.Following a detailed explanation of how the Android OS works andits overall security architecture, the authors examine howvulnerabilities can be discovered and exploits

developed forvarious system components, preparing you to defend againstthem. If you are a mobile device administrator, security researcher,Android app developer, or consultant responsible for evaluatingAndroid security, you will find this guide is essential to yourtoolbox. A crack team of leading Android security researchers explainAndroid security risks, security design and architecture, rooting,fuzz testing, and vulnerability analysis Covers Android application building blocks and security as wellas debugging and auditing Android apps Prepares mobile device administrators, security researchers,Android app developers, and security consultants to defend Androidsystems against attack Android Hacker's Handbook is the first comprehensiveresource for IT professionals charged with smartphonesecurity.

Statistical Mechanics James Sethna 2006-04-07 In each generation, scientists must redefine their fields: abstracting, simplifying and distilling the previous standard topics to make room for new advances and methods. Sethna's book takes this step for statistical mechanics - a field rooted in physics and chemistry whose ideas and methods are now central to information theory,

complexity, and modern biology. Aimed at advanced undergraduates and early graduate students in all of these fields, Sethna limits his main presentation to the topics that future mathematicians and biologists, as well as physicists and chemists, will find fascinating and central to their work. The amazing breadth of the field is reflected in the author's large supply of carefully crafted exercises, each an introduction to a whole field of study: everything from chaos through information theory to life at the end of the universe. **Professional Android 2 Application Development** Reto Meier 2010-11-04

Automotive Development Processes Julian Weber 2009-06-22 The global crisis the automotive industry has slipped into over the second half of 2008 has set a fierce spotlight not only on which cars are the right ones to bring to the market but also on how these cars are developed. Be it OEMs developing new models, suppliers integerating themselves deeper into the development processes of different OEMs, analysts estimating economical risks and opportunities of automotive investments, or even governments creating and evaluating scenarios for financial aid for suffering

automotive companies: At the end of the day, it is absolutely indispensable to comprehensively understand the processes of auto- tive development – the core subject of this book. Let's face it: More than a century after Carl Benz, Wilhelm Maybach and Gottlieb Daimler developed and produced their first motor vehicles, the overall concept of passenger cars has not changed much. Even though components have been considerably optimized since then, motor cars in the 21st century are still driven by combustion engines that transmit their propulsive power to the road s- face via gearboxes, transmission shafts and wheels, which together with spri- damper units allow driving stability and ride comfort. Vehicles are still navigated by means of a steering wheel that turns the front wheels, and the required control elements are still located on a dashboard in front of the driver who operates the car sitting in a seat.

How to Accelerate Your Internet Rob Flickenger 2006-10-01

Pediatric Rehabilitation, Fifth Edition Michael A. Alexander, MD 2015-05-28 Named a Doodyís Core Title in 2012 and 2013! Widely acknowledged as the cornerstone reference in the field, Pediatric Rehabilitation brings together renowned

specialists from all sectors of the pediatric rehabilitation community to provide the most current and comprehensive information available. The fifth edition has been substantially updated and expanded with evidence-based discussions of new theories, therapies, interventions, research findings, and controversies. Five completely new chapters focus on such emerging areas as the use of ultrasound to guide motor point and nerve injections, rehabilitation of chronic pain and conversion disorders, management of concussions, sports injuries, and neurodegenerative and demyelinating diseases in children. This edition also addresses important new directions in genetic markers and tests, cognitive, developmental, and neuropsychological assessment, and rehabilitation for common genetic conditions. Additionally, several new contributors provide fresh perspectives to the voices of established leaders in the field. The text covers all aspects of pediatric rehabilitation medicine from basic examination and testing to electrodiagnosis, therapeutic exercise, orthotics and assistive devices, gait labs, aging with pediatric onset disability, and in-depth clinical management of the full range of childhood

disabilities and injuries. ìPearls and Perilsî featured throughout the book underscore crucial information, and illustrations, summary tables, information boxes, and lists contribute to the textís abundant clinical utility. New to the Fifth Edition: Every chapter has been thoroughly revised and expanded to reflect current thinking and practice Evidence-based discussions of new theories, therapies, interventions, research findings, and areas of controversy Five entirely new chapters illuminating emerging areas: rehabilitation of chronic pain and conversion disorders, ultrasound-guided injections, concussion management, sports injuries, and neurodegenerative and demyelinating diseases in children

Kind of Blue Ashley Kahn 2002 Now in paperback and illustrated with vintage photos, "Kind of Blue" is "a small treasure" ("The New Yorker") and the bestselling account of the creation of a jazz classic. 50 photos.

E-business 2.0 Ravi Kalakota 2001 This title seeks to explain how to choose and implement the right e-business infrastructure and how to deliver the strategies you have created. It uses case studies to illustrate the successes and failures of e-business initiatives.

Fundamentals of Astrodynamics
Roger R. Bate 1971-01-01
Teaching text developed by
U.S. Air Force Academy and
designed as a first course
emphasizes the universal
variable formulation. Develops
the basic two-body and n-body
equations of motion; orbit
determination; classical orbital
elements, coordinate
transformations; differential
correction; more. Includes
specialized applications to lunar
and interplanetary flight,
example problems, exercises.
1971 edition.
*Advanced Operating Systems
and Kernel Applications:
Techniques and Technologies*
Wiseman, Yair 2009-09-30

"This book discusses non-
distributed operating systems
that benefit researchers,
academicians, and
practitioners"--Provided by
publisher.
A History of Modern Psychology
Duane Schultz 2013-10-02 A
History of Modern Psychology,
3rd Edition discusses the
development and decline of
schools of thought in modern
psychology. The book presents
the continuing refinement of the
tools, techniques, and methods
of psychology in order to
achieve increased precision and
objectivity. Chapters focus on
relevant topics such as the role
of history in understanding the
diversity and divisiveness of

contemporary psychology; the impact of physics on the cognitive revolution and humanistic psychology; the influence of mechanism on Descartes's thinking; and the evolution of the third force, humanistic psychology. Undergraduate students of psychology and related fields will find the book invaluable in their pursuit of knowledge.

Getting Started in Electronics Forrest M. Mims 2003 Electricity -- Electronic components -- Semiconductors -- Photonic semiconductors -- Integrated circuits -- Digital integrated circuits -- Linear integrated circuits -- Circuit assembly tips - - 100 electronic circuits.

The Shock Doctrine Naomi Klein 2010-04-01 The bestselling author of No Logo shows how the global "free market" has exploited crises and shock for three decades, from Chile to Iraq In her groundbreaking reporting, Naomi Klein introduced the term "disaster capitalism." Whether covering Baghdad after the U.S. occupation, Sri Lanka in the wake of the tsunami, or New Orleans post-Katrina, she witnessed something remarkably similar. People still reeling from catastrophe were being hit again, this time with economic "shock treatment," losing their land and homes to rapid-fire corporate makeovers.

The Shock Doctrine retells the story of the most dominant ideology of our time, Milton Friedman's free market economic revolution. In contrast to the popular myth of this movement's peaceful global victory, Klein shows how it has exploited moments of shock and extreme violence in order to implement its economic policies in so many parts of the world from Latin America and Eastern Europe to South Africa, Russia, and Iraq. At the core of disaster capitalism is the use of cataclysmic events to advance radical privatization combined with the privatization of the disaster response itself. Klein argues that by capitalizing on crises, created by nature or war, the disaster capitalism complex now exists as a booming new economy, and is the violent culmination of a radical economic project that has been incubating for fifty years.

Engage!, Revised and Updated Brian Solis 2011-02-25 The ultimate guide to branding and building your business in the era of the Social Web—revised and updated with a Foreword by Ashton Kutcher Engage! thoroughly examines the social media landscape and how to effectively use social media to succeed in business—one network and one tool at a time. It leads you through the detailed

and specific steps required for conceptualizing, implementing, managing, and measuring a social media program. The result is the ability to increase visibility, build communities of loyal brand enthusiasts, and increase profits. Covering everything you need to know about social media marketing and the rise of the new social consumer, Engage! shows you how to create effective strategies based on proven examples and earn buy-in from your marketing teams. Even better, you'll learn how to measure success and ROI. Introduces you to the psychology, behavior, and influence of the new social consumer Shows how to define and measure the success of your social media campaigns for the short and long term Features an inspiring Foreword by actor Ashton Kutcher, who has more than 5 million followers on Twitter Revised paperback edition brings the book completely up to date to stay ahead of the lightning fast world of social media Today, no business can afford to ignore the social media revolution. If you're not using social media to reach out to your customers and the people who influence them, who is?

Engineering Fundamentals: An Introduction to Engineering, SI Edition Saeed Moaveni

2011-01-01 Specifically designed as an introduction to the exciting world of engineering, ENGINEERING FUNDAMENTALS: AN INTRODUCTION TO ENGINEERING encourages students to become engineers and prepares them with a solid foundation in the fundamental principles and physical laws. The book begins with a discovery of what engineers do as well as an inside look into the various areas of specialization. An explanation on good study habits and what it takes to succeed is included as well as an introduction to design and problem solving, communication, and ethics. Once this foundation is established, the book moves on to the basic physical concepts and laws that students will encounter regularly. The framework of this text teaches students that engineers apply physical and chemical laws and principles as well as mathematics to design, test, and supervise the production of millions of parts, products, and services that people use every day. By gaining problem solving skills and an understanding of fundamental principles, students are on their way to becoming analytical, detail-oriented, and creative engineers. Important Notice: Media content referenced within the product

description or the product text may not be available in the ebook version.

Poor Economics Abhijit Banerjee 2012-03-27 The winners of the Nobel Prize in Economics upend the most common assumptions about how economics works in this gripping and disruptive portrait of how poor people actually live. Why do the poor borrow to save? Why do they miss out on free life-saving immunizations, but pay for unnecessary drugs? In Poor Economics, Abhijit V. Banerjee and Esther Duflo, two award-winning MIT professors, answer these questions based on years of field research from around the world. Called "marvelous, rewarding" by the Wall Street Journal, the book offers a radical rethinking of the economics of poverty and an intimate view of life on 99 cents a day. Poor Economics shows that creating a world without poverty begins with understanding the daily decisions facing the poor. Webster's New World Medical Dictionary, Fully Revised and Updated WebMD 2008-05-27 When your doctor uses terms like intraductal carcinoma or akathisia, do you understand and can you ask the right questions? If you, like most Americans, are taking a more active role in your family's healthcare, the fully revised and

updated Webster's New World Medical Dictionary, Third Edition will help you understand and communicate your medical needs when it matters the most. Written by doctors and the experts at WebMD, this edition includes 8500 entries, including 500 new terms, a vitamin appendix, and a companion website to give you access to medical language.

Professional Android 4 Application Development Reto Meier 2012-04-05 Developers, build mobile Android apps using Android 4 The fast-growing popularity of Android smartphones and tablets creates a huge opportunities for developers. If you're an experienced developer, you can start creating robust mobile Android apps right away with this professional guide to Android 4 application development. Written by one of Google's lead Android developer advocates, this practical book walks you through a series of hands-on projects that illustrate the features of the Android SDK. That includes all the new APIs introduced in Android 3 and 4, including building for tablets, using the Action Bar, Wi-Fi Direct, NFC Beam, and more. Shows experienced developers how to create mobile applications for Android smartphones and tablets

Revised and expanded to cover all the Android SDK releases including Android 4.0 (Ice Cream Sandwich), including all updated APIs, and the latest changes to the Android platform. Explains new and enhanced features such as drag and drop, fragments, the action bar, enhanced multitouch support, new environmental sensor support, major improvements to the animation framework, and a range of new communications techniques including NFC and Wi-Fi direct. Provides practical guidance on publishing and marketing your applications, best practices for user experience, and more This book helps you learn to master the design, lifecycle, and UI of an Android app through practical exercises, which you can then use as a basis for developing your own Android apps.

Getting Published Gerald B. Jackson 2009 The biggest hurdle for junior scholars looking to embark on an academic career is to make the transition from PhD candidate to that first (ideally tenured) job. An imperative part of this process is getting published and yet - increasingly - this is becoming something harder to achieve.

The Thing Around Your Neck Chimamanda Ngozi Adichie 2010-06-01 These twelve

dazzling stories from Chimamanda Ngozi Adichie — the Orange Broadband Prize–winning author of Half of a Yellow Sun — are her most intimate works to date. In these stories Adichie turns her penetrating eye to the ties that bind men and women, parents and children, Nigeria and the United States. In "A Private Experience," a medical student hides from a violent riot with a poor Muslim woman, and the young mother at the centre of "Imitation" finds her comfortable life in Philadelphia threatened when she learns that her husband has moved his mistress into their Lagos home. Searing and profound, suffused with beauty, sorrow and longing, this collection is a resounding confirmation of Adichie's prodigious literary powers.

Imitation Chimamanda Ngozi Adichie 2015-05-13 A Vintage Shorts "Short Story Month" selection from the award-winning, bestselling author Nkem is living a life of wealth and security in America, until she discovers that her husband is keeping a girlfriend back home in Nigeria. In this high-intensity story of passion and the masks we all wear, Chimamanda Ngozi Adichie, author of the acclaimed novels Half of a Yellow Sun and Americanah and winner of the

Orange Prize and the National Book Critics Circle Award, explores the ties that bind men and women, parents and children, Africa and the United States. **"Imitation"** is a selection from Adichie's collection The Thing Around Your Neck. An eBook short.

Sex Cult Nun Faith Jones 2021-11-30 Named a Best Book of 2021 by Newsweek and a Most Anticipated by People, TIME, USA Today, Real Simple, Glamour, Nylon, Bustle, Purewow, Shondaland, and more! Educated meets The Vow in this story of liberation and self-empowerment—an inspiring and stranger-than-fiction memoir of growing up in and breaking free from the Children of God, an oppressive, extremist religious cult. Faith Jones was raised to be part a religious army preparing for the End Times. Growing up on an isolated farm in Macau, she prayed for hours every day and read letters of prophecy written by her grandfather, the founder of the Children of God. Tens of thousands of members strong, the cult followers looked to Faith's grandfather as their guiding light. As such, Faith was celebrated as special and then punished doubly to remind her that she was not. Over decades, the Children of God grew into an international organization that became

notorious for its alarming sex practices and allegations of abuse and exploitation. But with indomitable grit, Faith survived, creating a world of her own—pilfering books and teaching herself high school curriculum. Finally, at age twenty-three, thirsting for knowledge and freedom, she broke away, leaving behind everything she knew to forge her own path in America. A complicated family story mixed with a hauntingly intimate coming-of-age narrative, Faith Jones' extraordinary memoir reflects our societal norms of oppression and abuse while providing a unique lens to explore spiritual manipulation and our rights in our bodies. Honest, eye-opening, uplifting, and intensely affecting, Sex Cult Nun brings to life a hidden world that's hypnotically alien yet unexpectedly relatable. *Pro Android 2* Sayed Hashimi 2010-08-04 Pro Android 2 shows how to build real-world and fun mobile applications using Google's latest Android software development kit. This new edition is updated for Android 2, covering everything from the fundamentals of building applications for embedded devices to advanced concepts such as custom 3D components, OpenGL, and touchscreens including gestures. While other Android

development guides simply discuss topics, Pro Android 2 offers the combination of expert insight and real sample applications that work. Discover the design and architecture of the Android SDK through practical examples, and how to build mobile applications using the Android SDK. Explore and use the Android APIs, including those for media and Wi-Fi. Learn about Android 2's integrated local and web search, handwriting gesture UI, Google Translate, and text-to-speech features. Pro Android 2 dives deep, providing you with all the knowledge and techniques you need to build mobile applications ranging from games to Google apps, including add-ons to Google Docs. You'll be able to extend and run the new Google Chrome APIs on the G1, the G2, and other next-generation Google phones and Android-enabled devices.

Keeper of the Lost Cities Shannon Messenger 2013-08-06 At age twelve, Sophie learns that the remarkable abilities that have always caused her to stand out identify her as an elf, and after being brought to Eternalia to hone her skills, discovers that she has secrets buried in her memory for which some would kill.

Infinite Powers Steven Strogatz

2019 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.

The Global Smartphone Daniel Miller 2021-05-06 The smartphone is often literally right in front of our nose, so you would think we would know what it is. But do we? To find out, 11 anthropologists each spent 16 months living in communities in Africa, Asia, Europe and South America, focusing on the take up of smartphones by older people. Their research reveals that smartphones are technology for everyone, not just for the young. The Global Smartphone presents a series of original perspectives deriving from this global and comparative research project. Smartphones have become as much a place within which we live as a device we use to provide 'perpetual opportunism', as they are always with us. The authors show how the smartphone is more than an 'app device' and explore differences between what people say about smartphones and how they use them. The smartphone is unprecedented in the degree to which we can transform it. As a

result, it quickly assimilates personal values. In order to comprehend it, we must take into consideration a range of national and cultural nuances, such as visual communication in China and Japan, mobile money in Cameroon and Uganda, and access to health information in Chile and Ireland – all alongside diverse trajectories of ageing in Al Quds, Brazil and Italy. Only then can we know what a smartphone is and understand its consequences for people's lives around the world. *Reassembling Scholarly Communications* Martin Paul Eve 2020-10-20 A range of perspectives on the complex political, philosophical, and pragmatic implications of opening research and scholarship through digital technologies. The Open Access Movement proposes to remove price and permission barriers for accessing peer-reviewed research work--to use the power of the internet to duplicate material at an infinitesimal cost-per-copy. In this volume, contributors show that open access does not exist in a technological vacuum; there are complex political, philosophical, and pragmatic implications for opening research through digital technologies. The contributors examine open access across

spans of colonial legacies, knowledge frameworks, publics and politics, archives and digital preservation, infrastructures and platforms, and global communities.

The Neuroscience of Tinnitus Jos J. Eggermont 2012-05-24 Tinnitus - the perception of sound in the ear, in the absence of external sound - affects around 250 million people worldwide.The Neuroscience of Tinnitus reviews our current knowledge of the neural substrates of tinnitus. Written by a leading researcher in the field, this is the most comprehensive single-author book on tinnitus available.

MOST Prof. Dr.-Ing. Andreas Grzemba 2012-01-01 MOST (Media Oriented Systems Transport) is a multimedia network technology developed to enable an efficient transport of streaming, packet and control data in an automobile. It is the communication backbone of an infotainment system in a car. MOST can also be used in other product areas such as driver assistance systems and home applications.

On the Track of the Books Roberta Berardi 2019-06-17 This book offers the hint for a new reflection on ancient textual transmission and editorial practices in Antiquity.In the first section, it retraces the first

steps of the process of ancient writing and editing. The reader will discover how the book is both a material object and a metaphorical personification, material or immaterial. The second section will focus on corpora of Greek texts, their formation, and their paratextual apparatus. Readers will explore various issues dealing with the mechanisms that are at the basis of the assembling of ancient Greek texts, but great attention will also be given to the role of ancient scholarly work. The third section shows how texts have two levels of authorship: the author of the text, and the scribe who copies the text. The scribe is not a medium, but plays a crucial role in changing the text. This section will focus on the protagonists of some interesting cases of textual transmission, but also on the books they manufactured or kept in the libraries, and on the words they engraved on stones. Therefore, the fresh voices of the contributors of this book, offer new perspectives on established research fields dealing with textual criticism.

A Primer on Scientific Programming with Python Hans Petter Langtangen 2016-07-28 The book serves as a first introduction to computer programming of scientific applications, using the high-

level Python language. The exposition is example and problem-oriented, where the applications are taken from mathematics, numerical calculus, statistics, physics, biology and finance. The book teaches "Matlab-style" and procedural programming as well as object-oriented programming. High school mathematics is a required background and it is advantageous to study classical and numerical one-variable calculus in parallel with reading this book. Besides learning how to program computers, the reader will also learn how to solve mathematical problems, arising in various branches of science and engineering, with the aid of numerical methods and programming. By blending programming, mathematics and scientific applications, the book lays a solid foundation for practicing computational science. From the reviews: Langtangen ... does an excellent job of introducing programming as a set of skills in problem solving. He guides the reader into thinking properly about producing program logic and data structures for modeling real-world problems using objects and functions and embracing the object-oriented paradigm. ... Summing Up: Highly recommended. F. H. Wild III, Choice, Vol. 47 (8), April 2010 Those of us who

have learned scientific programming in Python 'on the streets' could be a little jealous of students who have the opportunity to take a course out of Langtangen's Primer." John D. Cook, The Mathematical Association of America, September 2011 This book goes through Python in particular, and programming in general, via tasks that scientists will likely perform. It contains valuable information for students new to scientific computing and would be the perfect bridge between an introduction to programming and an advanced course on numerical methods or computational science. Alex Small, IEEE, CiSE Vol. 14 (2), March /April 2012 "This fourth edition is a wonderful, inclusive textbook that covers pretty much everything one needs to know to go from zero to fairly sophisticated scientific programming in Python..." Joan Horvath, Computing Reviews, March 2015

Wikinomics Don Tapscott 2008-04-17 The acclaimed bestseller that's teaching the world about the power of mass collaboration. Translated into more than twenty languages and named one of the best business books of the year by reviewers around the world, Wikinomics has become essential reading for business

people everywhere. It explains how mass collaboration is happening not just at Web sites like Wikipedia and YouTube, but at traditional companies that have embraced technology to breathe new life into their enterprises. This national bestseller reveals the nuances that drive wikinomics, and share fascinating stories of how masses of people (both paid and volunteer) are now creating TV news stories, sequencing the human gnome, remixing their favorite music, designing software, finding cures for diseases, editing school texts, inventing new cosmetics, and even building motorcycles.

Bridging the Geographic Information Sciences Jérôme Gensel 2012-04-02 For the sixth consecutive year, the AGILE conference promoted the publication a book collecting high-level scientific contributions from unpublished fundamental scientific research. The papers published in the AGILE 2012 LNG&C volume contribute substantially to Geographical Information Science developments and to the success of the 15th AGILE conference (Avignon, France, 24-27April, 2012) under the title 'Bridging the Geographic Information Sciences'. This year's conference emphasizes that geoinformation science, geomatics and spatial analysis

are fields in which different disciplines, epistemologies and scientific cultures meet. Indeed, the scientific articles published in this volume cover a wide diversity of GIScience related themes, including: Spatio-temporal Data Modelling and Visualisation; Spatial Data Infrastructures; Geo Web Services and Geo Semantic Web; Modelling and Management of Uncertainty; Spatio-temporal Data Quality and Metadata; Mobility of Persons, Objects and Systems, Transports and Flows; Spatial Analysis, Geostatistics, and Geo Information Retrieval; Modelling and Spatial Analysis of Urban Dynamics, Urban GIS; GIS and Spatial Analysis for Global Change Modelling, Impact on Space; and Geographic Information Science: links with other disciplines and people.

The Data Warehouse ETL Toolkit Ralph Kimball 2011-04-27 Cowritten by Ralph Kimball, the world's leading data warehousing authority, whose previous books have sold more than 150,000 copies Delivers real-world solutions for the most time- and labor-intensive portion of data warehousing-data staging, or the extract, transform, load (ETL) process Delineates best practices for extracting data from scattered sources, removing redundant

and inaccurate data, transforming the remaining data into correctly formatted data structures, and then loading the end product into the data warehouse Offers proven time-saving ETL techniques, comprehensive guidance on building dimensional structures, and crucial advice on ensuring data quality

Cross-Media Communications Drew Davidson 2010 This text is an introduction to the future of mass media and mass communications - cross-media communications. Cross-media is explained through the presentation and analysis of contemporary examples and project-based tutorials in cross-media development. The text introduces fundamental terms and concepts, and provides a solid overview of cross-media communications, one that builds from a general introduction to a specific examination of media and genres to a discussion of the concepts involved in designing and developing cross-media communications. There is also an accompanying DVD-ROM full of hands-on exercises that shows how cross-media can be applied. For the DVD-ROM: http: //www.lulu.com/content/817927