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A Comprehensive English Grammar for Foreign Students

HTTP/2 in Action Simon and Schuster
Summary HTTP/2 in Action is a complete guide to HTTP/2, one of the core protocols of the web. Because HTTP/2 has been designed to be easy to transition to, including keeping it backwards compatible, adoption is rapid and expected to increase over the next few years. Concentrating on practical matters, this interesting book presents key HTTP/2 concepts such as frames, streams, and multiplexing and explores how they affect the performance and behavior of your websites. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology HTTP—Hypertext Transfer Protocol—is the standard for exchanging messages between websites and browsers. And after 20 years, it's gotten a much-needed upgrade. With support for streams, server push, header compression, and prioritization, HTTP/2 delivers vast improvements in speed, security, and efficiency. About the Book HTTP/2 in Action teaches you everything you need to know to use HTTP/2 effectively. You'll learn how to optimize web performance with new features like frames, multiplexing, and push. You'll also explore real-world examples on advanced topics like flow control and dependencies. With ready-to-implement tips and best practices, this practical guide is sure to get you—and your websites—up to speed! What's Inside HTTP/2 for web developers Upgrading and troubleshooting Real-world examples and case studies QUIC and HTTP/3 About the Reader Written for web developers and site administrators. About the Authors Barry Pollard is a professional developer with two decades of experience developing, supporting, and tuning software and infrastructure. Table of Contents PART 1 MOVING TO HTTP/2 Web technologies and HTTP The road to HTTP/2 Upgrading to HTTP/2 PART 2 USING HTTP/2 HTTP/2 protocol basics Implementing HTTP/2 push Optimizing for HTTP/2 PART 3 ADVANCED HTTP/2 Advanced HTTP/2 concepts HPACK header compression PART 4 THE FUTURE OF HTTP TCP, QUIC, and HTTP/3 Where HTTP goes from here

Readings in the History of Mathematics Education

Programming Interactivity "O'Reilly Media, Inc."
Make cool stuff. If you're a designer or artist without a lot of programming experience, this book will teach you to work with 2D and 3D graphics, sound, physical interaction, and electronic circuitry to create all sorts of interesting and compelling experiences -- online and off. Programming Interactivity explains programming and electrical engineering basics, and introduces three freely available tools created specifically for artists and designers: Processing, a Java-based programming language and environment for building projects on the desktop, Web, or mobile phones Arduino, a system that integrates a microcomputer prototyping board, IDE, and programming language for creating your own hardware and controls OpenFrameworks, a coding framework simplified for designers and artists, using the powerful C++ programming language BTW, you don't have to wait until you finish the book to actually make something. You'll get working code samples you can use right away, along with the background and technical information you need to design, program, build, and troubleshoot your own projects. The cutting edge design techniques and discussions with leading artists and designers will give you the tools and inspiration to let your imagination take flight.

Computer Organization and Design RISC-V Edition Morgan Kaufmann
The new RISC-V Edition of Computer Organization and Design features the RISC-V open source instruction set architecture, the first open source architecture designed to be used in modern computing environments such as cloud computing, mobile devices, and other embedded systems. With the post-PC era now upon us, Computer Organization and Design moves forward to explore this generational change with examples, exercises, and material highlighting the emergence of mobile computing and the Cloud. Updated content featuring tablet computers, Cloud infrastructure, and the x86 (cloud computing) and ARM (mobile computing devices) architectures is included. An online companion Web site provides advanced content for further study, appendices, glossary, references, and recommended reading. Features RISC-V, the first such architecture designed to be used in modern computing environments, such as cloud computing, mobile devices, and other embedded systems Includes relevant examples, exercises, and material highlighting the emergence of mobile computing and the cloud

ASN.1 Communication Between Heterogeneous Systems Morgan Kaufmann
This text is a programming tutorial on the fundamentals and features of ASN.1. It explains ASN.1 and its encoding rules in simple terms and addresses the subject at an introductory as well as at a more detailed level.

Unlocking Australia's Language Potential
An extension to the series Unlocking Australia's language potential : profiles of 9 key languages in Australia.

Applied Abstract Algebra Springer Science & Business Media
Accessible to junior and senior undergraduate students, this survey contains many examples, solved exercises, sets of problems, and parts of abstract algebra of use in many other areas of discrete mathematics. Although this is a mathematics book, the authors have made great efforts to address the needs of users employing the techniques discussed. Fully worked out computational examples are backed by more than 500 exercises throughout the 40 sections. This new edition includes a new chapter on cryptology, and an enlarged chapter on applications of groups, while an extensive chapter has been added to survey other applications not included in the first edition. The book assumes knowledge of the material covered in a course on linear algebra and, preferably, a first course in (abstract) algebra covering the basics of groups, rings, and fields.

National Policy on Languages
Identifies factors provoking shift from implicit language policies such as denigration of Aboriginal languages to the development of an explicit language policy where bilingualism replaces English monolingualism.

Asterisk "O'Reilly Media, Inc."

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Provides information on Asterisk, an open source telephony application.

Computer Science Addison-Wesley Longman
Computer Science: An Overview uses broad coverage and clear exposition to present a complete picture of the dynamic computer science field. Accessible to students from all backgrounds, Glenn Brookshear uses a language-independent context to encourage the development of a practical, realistic understanding of the field. An overview of each of the important areas of Computer Science (e.g. Networking, OS, Computer Architecture, Algorithms) provides students with a general level of proficiency for future courses. The Eleventh Edition features two new contributing authors (David Smith -- Indiana University of PA; Dennis Brylow -- Marquette University), new, modern examples, and updated coverage based on current technology.

A Frequency Dictionary of Spanish Routledge
A Frequency Dictionary of Spanish has been fully revised and updated, including over 500 new entries, making it an invaluable resource for students of Spanish. Based on a new web-based corpus containing more than 2 billion words collected from 21 Spanish-speaking countries, the second edition of A Frequency Dictionary of Spanish provides the most expansive and up-to-date guidelines on Spanish vocabulary. Each entry is accompanied with an illustrative example and full English translation. The Dictionary provides a rich resource for language teaching and curriculum design, while a separate CD version provides the full text in a tab-delimited format ideally suited for use by corpus and computational linguistics. With entries arranged both by frequency and alphabetically, A Frequency Dictionary of Spanish enables students of all levels to get the most out of their study of vocabulary in an engaging and efficient way.

Public Health Informatics and Information Systems Springer Science & Business Media
This revised edition covers all aspects of public health informatics and discusses the creation and management of an information technology infrastructure that is essential in linking state and local organizations in their efforts to gather data for the surveillance and prevention. Public health officials will have to understand basic principles of information resource management in order to make the appropriate technology choices that will guide the future of their organizations. Public health continues to be at the forefront of modern medicine, given the importance of implementing a population-based health approach and to addressing chronic health conditions. This book provides informatics principles and examples of practice in a public health context. In doing so, it clarifies the ways in which newer information technologies will improve individual and community health status. This book's primary purpose is to consolidate key information and promote a strategic approach to information systems and development, making it a resource for use by faculty and students of public health, as well as the practicing public health professional. Chapter highlights include: The Governmental and Legislative Context of Informatics; Assessing the Value of Information Systems; Ethics, Information Technology, and Public Health; and Privacy, Confidentiality, and Security. Review questions are featured at the end of every chapter. Aside from its use for public health professionals, the book will be used by schools of public health, clinical and public health nurses and students, schools of social work, allied health, and environmental sciences.

Antimicrobial Drug Resistance Springer
The two volumes included in Antimicrobial Drug Resistance, Second Edition is an updated, comprehensive and multidisciplinary reference covering the area of antimicrobial drug resistance in bacteria, fungi, viruses, and parasites from basic science, clinical, and epidemiological perspectives. This newly revised compendium reviews the most current research and development on drug resistance while still providing the information in the accessible format of the first edition. The first volume, Antimicrobial Drug Resistance: Mechanisms of Drug Resistance, is dedicated to the biological basis of drug resistance and effective avenues for drug development. With the emergence of more drug-resistant organisms, the approach to dealing with the drug resistance problem must include the research of different aspects of the mechanisms of bacterial resistance and the dissemination of resistance genes as well as research utilizing new genomic information. These approaches will permit the design of novel strategies to develop new antibiotics and preserve the effectiveness of those currently available. The second volume, Antimicrobial Drug Resistance: Clinical and Epidemiological Aspects, is devoted to the clinical aspects of drug resistance. Although there is evidence that restricted use of a specific antibiotic can be followed by a decrease in drug resistance to that agent, drug resistance control is not easily achieved. Thus, the infectious diseases physician requires input from the clinical microbiologist, antimicrobial stewardship personnel, and infection control specialist to make informed choices for the effective management of various strains of drug-resistant pathogens in individual patients. This 2-volume set is an important reference for students in microbiology, infectious diseases physicians, medical students, basic scientists, drug development researchers, microbiologists, epidemiologists, and public health practitioners.

Digital Systems

Competitive Programming 2

Violent Schools, Safe Schools: Report

Research in Intelligent and Computing in Engineering Springer Nature
This book comprises select peer-reviewed proceedings of the international conference on Research in Intelligent and Computing in Engineering (RICE 2020) held at Thu Dau Mot University, Vietnam. The volume primarily focuses on latest research and advances in various computing models such as centralized, distributed, cluster, grid, and cloud computing. Practical examples and real-life applications of wireless sensor networks, mobile ad hoc networks, and internet of things, data mining and machine learning are also covered in the book. The contents aim to enable researchers and professionals to tackle the rapidly growing needs of network applications and the various complexities associated with them.

Engineering Digital Design Elsevier
Engineering Digital Design, Second Edition provides the most extensive coverage of any available textbook in digital logic and design. The new REVISED Second Edition published in September of 2002 provides 5 productivity tools free on the accompanying CD ROM. This software is also included on the Instructor's Manual CD ROM and complete instructions accompany each software program. In the REVISED Second Edition modern notation combines with state-of-the-art treatment of the most important subjects in digital design to provide the student with the background needed to enter industry or graduate study at a competitive level. Combinatorial logic design and synchronous and asynchronous sequential machine design methods are given equal weight, and new ideas and design approaches are explored. The

productivity tools provided on the accompanying CD are outlined below: [1] EXL-Sim2002 logic simulator: EXL-Sim2002 is a full-featured, interactive, schematic-capture and simulation program that is ideally suited for use with the text at either the entry or advanced-level of logic design. Its many features include drag-and-drop capability, rubber banding, mixed logic and positive logic simulations, macro generation, individual and global (or randomized) delay assignments, connection features that eliminate the need for wire connections, schematic page sizing and zooming, waveform zooming and scrolling, a variety of printout capabilities, and a host of other useful features. [2] BOOZER logic minimizer: BOOZER is a software minimization tool that is recommended for use with the text. It accepts entered variable (EV) or canonical (1's and 0's) data from K-maps or truth tables, with or without don't cares, and returns an optimal or near optimal single or multi-output solution. It can handle up to 12 functions Boolean functions and as many inputs when used on modern computers. [3] ESPRESSO II logic minimizer: ESPRESSO II is another software minimization tool widely used in schools and industry. It supports advanced heuristic algorithms for minimization of two-level, multi-output Boolean functions but does not accept entered variables. It is also readily available from the University of California, Berkeley, 1986 VLSI Tools Distribution. [4] ADAM design software: ADAM (for Automated Design of Asynchronous Machines) is a very powerful productivity tool that permits the automated design of very complex asynchronous state machines, all free of timing defects. The input files are state tables for the desired state machines. The output files are given in the Berkeley format appropriate for directly programming PLAs. ADAM also allows the designer to design synchronous state machines, timing-defect-free. The options include the lumped path delay (LPD) model or NESTED CELL model for asynchronous FSM designs, and the use of D FLIP-FLOPs for synchronous FSM designs. The background for the use of ADAM is covered in Chapters 11, 14 and 16 of the REVISED 2nd Edition. [5] A-OPS design software: A-OPS (for Asynchronous One-hot Programmable Sequencers) is another very powerful productivity tool that permits the design of asynchronous and synchronous state machines by using a programmable sequencer kernel. This software generates a PLA or PAL output file (in Berkeley format) or the VHDL code for the automated timing-defect-free designs of the following: (a) Any 1-Hot programmable sequencer up to 10 states. (b) The 1-Hot design of multiple asynchronous or synchronous state machines driven by either PLDs or RAM. The input file is that of a state table for the desired state machine. This software can be used to design systems with the capability of instantly switching between several radically different controllers on a time-shared basis. The background for the use of A-OPS is covered in Chapters 13, 14 and 16 of the REVISED 2nd Edition.

Emerging Technologies for Education Springer Nature
This book constitutes the thoroughly refereed post-workshop proceedings of the 4th International Symposium, SETE 2019, held in conjunction with ICWL 2019, in Magdeburg, Germany, in September 2019. The 10 full and 6 short papers presented together with 24 papers from 5 workshops were carefully reviewed and selected from 34 submissions. The papers cover the latest findings in various areas, such as: virtual reality and game-based learning; learning analytics; K-12 education; language learning; design, model and implementation of e-learning platforms and tools; digitalization and industry 4.0; pedagogical issues, practice and experience sharing.

Academic Advising and Tutoring for Student Success in Higher Education: International Perspectives Frontiers Media SA

Effective Personal Tutoring in Higher Education Critical Publishing
This is an important new text for all academic and professional staff within higher education (HE) who have a personal tutoring, student support or advising role. It examines key topics in relation to tutoring including definitions, coaching, core values and skills, boundaries, monitoring students, undertaking group and individual tutorials and the need to measure impact. Throughout, the text encourages reflection and the need to think critically about the role of the personal tutor. A scholarly and practical text, it comprehensively brings together relevant academic literature to inform tutoring practice as well as contextualising the role within the HE policy and quality assurance landscape.

Calibrating the Cosmos Springer
This book explains in clear, non-mathematical language the measurements and the interpretation of the resulting data that have led to the current understanding of the origin, evolution and properties of our expanding Big Bang universe. Theoretical concepts are emphasized, but no other book for the layman explains how model universes are generated, and how they function as the templates against which ours is compared and analyzed. Background material is provided in the first four chapters; the current picture and how it was attained are discussed in the next four chapters; and some unsolved problems and conjectured solutions are explored in the final chapter.

Progress in drug research. 50.1998 Springer Science & Business Media
Progress in Drug Research is a prestigious book series (founded in 1959) which provides extensive expert-written reviews on a wide spectrum of highly topical areas in current pharmaceutical and pharmalogical research. Each volume contains fully cross-referencing indexes which link the volumes together, forming a virtually encyclopaedic work. The series thus serves as an important, time-saving source of information for researchers concerned with drug research and all those who need to keep abreast of the many recent developments in the quest for new and better medicines. Volume 50 in the series includes: P.N. Kaul: Drug discovery: Past, present and future M. Rohmer: Isoprenoid biosynthesis via the mevalonate -- independent route, a novel target for antibacterial drugs G. Edwards and A.H. Weston: Endothelium, -derived hyperpolarizing factor -- a critical appraisal R.W. Rockhold: Glutamatic involvement in psychomotor stimulant action J.M. Colacino and K.A. Staschke: The identification and development of antiviral agents for the treatment of chronic hepatitis B virus infection T.D. Johnson: Polyamines and cerebral ischemia

Algorithms
Algorithms are the lifeblood of computer science. They are the machines that proofs build and the music that programs play. Their history is as old as mathematics itself. This textbook is a wide-ranging, idiosyncratic treatise on the design and analysis of algorithms, covering several fundamental techniques, with an emphasis on intuition and the problem-solving process. The book includes important classical examples, hundreds of battle-tested exercises, far too many historical digressions, and exaclty four typos. Jeff Erickson is a computer science professor at the University of Illinois, Urbana-Champaign; this book is based on algorithms classes he has taught there since 1998.

Science and Society World Scientific
The latest advances and discoveries in science have made, and continue to make, a huge impact on our lives. This book is a history of the social impact of science and technology from the beginnings of civilization up to the present. The book explains how the key inventions: agriculture, writing and printing with movable type, initiated an explosive growth of knowledge and human power over the environment. It also shows how the Industrial Revolution changed the relationship between humans and nature, and initiated a massive use of fossil fuels. Problems related to nuclear power, nuclear weapons, genetic engineering, information technology, exhaustion of non-renewable resources,

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use of fossil fuels and climate change are examined in the later chapters of the book. Finally, the need for ethical maturity to match our scientific progress is discussed.

Progress in Drug Research Birkhäuser
In the first years of the existence of this series of monographs, during the so-called "Golden Age" of drug research, the majority of the pa pers published were mainly concerned with the traditional domains of drug research, namely chemistry, pharmacology, toxicology and pre clinical investigations. The series' aim was to give coverage to impor tant areas of research, to introduce new active substances with thera peutic potential and to call attention to unsolved problems. This objective has not changed. The table of contents of the present volume makes evident, however, that the search for new medicines has become increasingly complex, and additional, new disciplines have entered the research arena. The series now includes reviews on bio chemical, biological, immunological, physiological and medicinal aspects of drug research. Researchers actively engaged in the various scientific fields forming the entity of drug research can benefit from the wealth of knowledge and experience of the respective authors, and will be assisted in their endeavour to discover new pharmaceutical agents. Those simply wanting to keep abreast of new developments in the complex, multi-discipline science can turn to the "Progress in Drug Research" volumes as an almost encyclopaedic source of information without having to consult the innumerable original publications. Volume 33 contains 13 reviews, a subject index, an index for the close to 400 articles published in the series so far, and an author and titles index for all 33 volumes.

The Panther and the Lash Vintage
Hughes's last collection of poems commemorates the experience of Black Americans in a voice that no reader could fail to hear—the last testament of a great American writer who grappled fearlessly and artfully with the most compelling issues of his time. “Langston Hughes is a titanic figure in 20th-century American literature ... a powerful interpreter of the American experience.” —The Philadelphia Inquirer From the publication of his first book in 1926, Langston Hughes was America's acknowledged poet of color. Here, Hughes's voice—sometimes ironic, sometimes bitter, always powerful—is more pointed than ever before, as he explicitly addresses the racial politics of the sixties in such pieces as "Prime," "Motto," "Dream Deferred," "Frederick Douglas: 1817-1895," "Still Here," "Birmingham Sunday." " History," "Slave," "Warning," and "Daybreak in Alabama."

The Birmingham Quean Lulu.com
We are to believe there was a time when The Birmingham Quean was just a poem: a mock-epic burlesque in which a fake pound coin told how she was won in a game of darts by a drag-queen called Britannia Spears. It parodied Pope´s The Rape of the Lock, Byron´s Don Juan and an anonymous eighteenth century novel, The Birmingham Counterfeit. The transformation of this bit of picaresque doggerel into the sprawling work barely contained by this cover is the central mystery of a ludic novel. It mirrors the unlikely story of a dirty little settlement of nailers and cutlers becoming the principle city of the Industrial Revolution by flooding the Restoration economy with counterfeit coins. What remains is an absurd scholarly edition of a poem recast as a futuristic dystopia in which nothing is authentic. It is also the tale of an impossible love affair that uncovers an impossible text by an impossible author. It is as strange, ironic, sombre, flashy and anarchic as the city to which it owes its existence.

Data Structures, Algorithms, and Software Principles in C Pearson
Using C, this book develops the concepts and theory of data structures and algorithm analysis in a gradual, step-by-step manner, proceeding from concrete examples to abstract principles. Standish covers a wide range of both traditional and contemporary software engineering topics. The text also includes an introduction to object-oriented programming using C++. By introducing recurring themes such as levels of abstraction, recursion, efficiency, representation and trade-offs, the author unifies the material throughout. Mathematical foundations can be incorporated at a variety of depths, allowing the appropriate amount of math for each user.

Mcdp 6 Command and Control Createspace Independent Publishing Platform
This publication describes the theory and philosophy of military planning as practiced by the U.S. Marine Corps. The intent is to describe how we can prepare effectively for future action when the future is uncertain and unpredictable. In so doing, this publication provides all Marines a conceptual framework for planning in peace, in crisis, or in war. This approach to planning is based on our common understanding of the nature of war and on our warfighting philosophy of maneuver warfare as described in Marine Corps Doctrinal Publication (MCDP) 1, Warfighting.

Elixir of Empire Westphalia Press
A companion volume, Chains of Empire: English Public Schools, Masonic Cabalism Historical Causality, and Imperial Clubdom, is the second in P. J. Rich's trilogy about schooling as a political force. Explored are the ways in which the history of education contributes to political science, and the problems facing historians and educators in linking an individual's education to behaviour. Also discussed are the implications of schools for general biography, the use of prosopographical analysis in determining schools' influence on culture, and the importance of recent educational research for social theory.

International Conference on Artificial Intelligence: Advances and Applications 2019 Springer Nature
This book introduces research presented at the “International Conference on Artificial Intelligence: Advances and Applications-2019 (ICAIAA 2019),” a two-day conference and workshop bringing together leading academicians, researchers as well as students to share their experiences and findings on all aspects of engineering applications of artificial intelligence. The book covers research in the areas of artificial intelligence, machine learning, and deep learning applications in health care, agriculture, business and security. It also includes research in core concepts of computer networks, intelligent system design and deployment, real-time systems, WSN, sensors and sensor nodes, SDN and NFV. As such it is a valuable resource for students, academics and practitioners in industry working on AI applications.

Fun with Algorithms Springer
This book constitutes the refereed proceedings of the 4th International Conference on Fun with Algorithms, FUN 2007, held in Castiglioncello, Italy in June 2007. It details the use, design, and analysis of algorithms and data structures, focusing on results that provide amusing, witty, but nonetheless original and scientifically profound, contributions to the area.

New Museology Reaktion Books
With essays by Charles Saumarez Smith, Ludmilla Jordanova, Paul Greenhalgh, Colin Sorensen, Nick Merriman, Stephen Bann, Philip Wright,

Norman Palmer and Peter Vergo. "A lively and controversial symposium ... thought-provoking"—The Sunday Times (Paperbacks of the Year, 1989) "The essays are all distinguished by their topicality and lucidity."—MuseumNews "A welcome addition to the library of Museology"—Art Monthly "The New Museology is essential reading for all those seeking to understand the current debate in museum ideologies."—International Journal of Museum Management and Scholarship

GRE Prep by Magoosh Rtc Publishing

Magoosh gives students everything they need to make studying a breeze. We've branched out from our online GRE prep program and free apps to bring you this GRE prep book. We know sometimes you don't have easy access to the Internet--or maybe you just like scribbling your notes in the margins of a page! Whatever your reason for picking up this book, we're thrilled to take this ride together. In these pages you'll find: --Tons of tips, FAQs, and GRE strategies to get you ready for the big test. --More than 130 verbal and quantitative practice questions with thorough explanations. --Stats for each practice question, including its difficulty rating and the percent of students who typically answer it correctly. We want you to know exactly how tough GRE questions tend to be so you'll know what to expect on test day. --A full-length practice test with an answer key and detailed explanations. --Multiple practice prompts for the analytical writing assessment section, with tips on how to grade each of your essays. If you're not already familiar with Magoosh online, here's what you need to know: --Our materials are top-notch--we've designed each of our practice questions based on careful analysis of millions of students' answers. --We really want to see you do your best. That's why we offer a score improvement guarantee to students who use the online premium Magoosh program. --20% of our students earn a top 10% score on the GRE. --Magoosh students score on average 12 points higher on the test than all other GRE takers. --We've helped more than 1.5 million students prepare for standardized tests online and with our mobile apps. So crack open this book, join us online at magoosh.com, and let's get you ready to rock the GRE!

Information Technology for Management Tata McGraw-Hill Education

MCQ IN UGC NET PAPER-1

This book is published by invincible publishers and we are proud to inform you that this is an indian title. The author of the book is also Indian.

Communication for Health Care Oxford University Press, USA

This text follows the key information steps in health care. It places communication in context, where professionals meet and work with patients, alongside other members of their own profession and with members of other professions in one healthcare team.

History of the Manual Training School of Washington University (St. Louis Manual Training School)

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