

Digital Electronics Demystified

The fast and easy way to learn signals and systems Get a working knowledge of signal processing and systems—even if you don't have formal training, unlimited time, or a genius IQ. Signals and Systems Demystified offers an effective, illuminating, and entertaining way to learn this essential electrical engineering subject. First, you'll learn methods used to calculate energy and power in signals. Next, you'll study signals in the frequency domain using Fourier analysis. Other topics covered include amplitude, frequency, and phase modulation, spectral analysis, convolution, the Laplace transform, and the z-transform. Packed with hundreds of sample equations and explained solutions, and featuring end-of-chapter quizzes and a final exam, this book will teach you the fundamentals of signals and systems in no time at all. Simple enough for a beginner, but challenging enough for an advanced student, Signals and Systems Demystified is your shortcut to mastering this complex subject. This hands-on, self-teaching text offers: An easy way to understand signal processing and systems Hundreds of worked examples with solutions A final exam at the end of each chapter to reinforce learning and pinpoint weaknesses A final exam at the end of the book No unnecessary technical jargon A time-saving approach to performing better on an exam or at work!

Voilà! Learning French just got a whole lot easier. Interested in learning or refreshing your French but feel your language skills are less than extraordinary? No need to worry! With French Demystified you'll quickly build up your repertoire and be able to understand the language and communicate effectively. Beginning with familiar French cognates and a review of basic French pronunciation, this book covers key grammar fundamentals such as common verb tenses, nouns, pronouns, and gender. You'll build your French vocabulary with essential words and phrases and quickly master this challenging yet lyrical language. Test yourself at the end of every chapter for reinforcement that you're fast on your way to speaking, writing, and understanding French. This fast and easy guide features: Clear and straightforward explanations of French grammar fundamentals Numerous examples that place new words in practical context Helpful writing and speaking exercises that bring the French language to life Coverage of everyday topics as well as conversational expressions Quizzes at the end of each chapter to reinforce new material Simple enough for a beginner but challenging enough for a more advanced student, French Demystified is your shortcut to mastering this engaging language.

The CLEAR and ACCURATE way to navigate MEDICAL CHARTING Trying to chart a course through the complex task of keeping patient records? Here's your lifeline! Medical Charting Demystified gives you the tools you need to prepare and update both computerized and written charts. You'll learn about chart components, what to write in a chart, and how to correct errors. Medical Charting Demystified covers entering vital signs, assessments, test results, medications, procedures, and more. Details on the legal aspects of medical charting, including confidentiality, HIPAA, malpractice, and informed consent, are also included. Hundreds of examples and illustrations make it easy to understand the material, and end-of-chapter quizzes and a final exam help reinforce learning. This fast and easy guide offers: Coverage of the five common charting systems—narrative, problem-oriented, problem-intervention-evaluation, FOCUS, and charting by exception Details on the MAR and the KARDEX An overview of computer charting software A time-saving approach to performing better on an exam or at work Simple enough for a beginner, but challenging enough for an advanced student, Medical Charting Demystified is your key to mastering this vital nursing skill.

Say sayonara to your fears of speaking Japanese! Interested in learning to speak Japanese but feel intimidated by the complex characters and pronunciations? No need to worry! Even if your only experience is ordering sushi, Japanese Demystified will have you saying konnichiwa to your new language skills in no time. Beginning with a review of Japanese writing systems, basic pronunciation, and everyday expressions, this book covers key grammar fundamentals such as particles, nouns, verb forms, and honorifics. You'll build your Japanese vocabulary with essential words and phrases and quickly master this challenging language. Test yourself at the end of every chapter for reinforcement that you're fast on your way to speaking, writing, and understanding Japanese. This fast and easy guide features: Clear and straightforward explanations of Japanese grammar fundamentals Numerous examples of simple and complex sentence structures Japanese hiragana, katakana, and kanji with phonetic transliterations for all Japanese words Helpful writing and speaking exercises that bring the Japanese language to life Coverage of everyday topics as well as conversational expressions Quizzes at the end of each chapter to reinforce new material Simple enough for a beginner, but challenging enough for a more experienced student, Japanese Demystified is your shortcut to mastering this complex language.

Learn cutting-edge MULTIMEDIA skills! Discover how to create impressive multimedia projects using state-of-the-art tools and techniques. Multimedia Demystified is filled with information on the latest technologies, as well as design and production guidelines. This practical guide provides a background on multimedia and then delves into the elements that make up a successful multimedia project. You'll learn about software and hardware tools, digital photography, sound editing, web authoring with HTML, vector graphics, film formats, computer animation, and much more. Detailed examples and concise explanations make it easy to understand the material, and end-of-chapter quizzes and a final exam help reinforce key concepts. It's a no-brainer! You'll learn about: Graphics, images, text, and typography 2D and 3D animation Music, sound effects, and video Authoring for multimedia functionality Software and hardware Delivering the final project to the intended audience Simple enough for a beginner, but challenging enough for an advanced student, Multimedia Demystified helps you master this marketable skill.

Electricity Experiments You Can Do At Home English Grammar Demystified

Principles and Practices Japanese Demystified

Need to learn MATHEMATICA? Problem SOLVED! Take full advantage of all the powerful capabilities of Mathematica with help from this hands-on guide. Filled with examples and step-by-step explanations, Mathematica Demystified takes you from your very first calculation all the way to plotting complex fractals. Using an intuitive format, this book explains the fundamentals of Mathematica up front. Learn how to define functions, create 2-D graphs of functions, write basic programs, and use modules. You'll move on to 3-D graphics, calculus, polynomial linear, and differential equations, dynamical systems, and fractals. Hundreds of examples with concise explanations make it easy to understand the material, and end-of-chapter quizzes and a final exam help reinforce learning. This self-teaching guide offers: A quick way to get up and running on Mathematica Coverage of Mathematica 6 and 7 Tips for avoiding and correcting syntax errors Details on creating slideshow presentations of your work No unnecessary technical jargon A time-saving approach to performing better on an exam or at work! Simple enough for a beginner, but challenging enough for an advanced user, Mathematica Demystified is your shortcut to mastering this fully integrated technical computing software.

An enlightening guide to optics Are you in the dark when it comes to understanding the science of optics? Now there's a glimmer in the gloom! Optics Demystified brings this challenging topic into focus. Written in an easy-to-follow format, this practical guide begins by covering the nature of light, the electromagnetic spectrum, reflection, refraction, and color dispersion. You'll move on to common optical devices and effects, lasers, and optical data transmission technology. Industrial, medical, and military applications are discussed, as are exotic optics such as holography. Detailed examples and concise explanations make it easy to understand the material, and end-of-chapter quizzes and a final exam help reinforce learning. It's a no-brainer! You'll get: Explanations of the particle and wave theories Analysis of optical microscopes and telescopes Functional details of fiber optics A sampling of optical illusions A time-saving approach to performing better on an exam or at work Simple enough for a beginner, but challenging enough for an advanced student, Optics Demystified illuminates this vital physics topic.

Best-selling Demystified author and electronics expert Stan Gibilisco has penned the perfect introductory book for consumers, hobbyists, and students alike. Coverage includes essential topics such as current and power supplies, wireless, digital principles, measurement and monitoring, transducers and sensors, location and navigation, and more.

More than 100,000 nursing students must pass a series of dosage calculation exams annually in their regular courses Part of the popular Demystified series which has sold more than one million copies

Need to learn Minitab? Problem SOLVED! Get started using Minitab right way with help from this hands-on guide. Minitab Demystified walks you through essential Minitab features and shows you how to apply them to solve statistical analysis problems. Featuring coverage of Minitab 16, this practical guide explores the Minitab interface and the full range of Minitab graphics, Distribution models, statistical inwalks, hypothesis testing, and sample size calculations are clearly explained. The book covers modeling tools of regression and the end-of-experiments (DOE) as well as the industrial quality tools of measurement systems analysis, control charts, capability analysis, acceptance sampling, and reliability analysis. Detailed examples and concise explanations make it easy to understand the material, and end-of-chapter quizzes and a final exam help reinforce key concepts. It's a no-brainer! You'll learn about: Charting powerful Minitab functions with the Minitab assistant Confidence, prediction, and tolerance intervals Designing and analyzing experiments with hard-to-change variables Statistical process control (SPC), Six Sigma applications, and quality control Predicting the economic impact of sampling Analyzing life data with additional variables Simple enough for a beginner, challenging enough for an advanced student, and thorough enough for a Six Sigma professional, Minitab Demystified is your shortcut to statistical analysis success!

Digital Electronics Demystified

Multimedia Demystified

Hard Stuff Made Easy

Minitab Demystified

ASVAB DeMYSTiFieD

Never surrender to U.S. history! U.S. History DeMYSTiFieD gives you the opportunity to learn this subject at your own pace. Master topics such as important dates; prominent presidential acts and decisions; America's role during both world wars; as well as fun and interesting facts. The book helps you truly comprehend this challenging subject a without overwhelming you with complexities or mystifying jargon. U.S. History DeMYSTiFieD features: Chapter-opening objectives that give you insight into what you're going to learn in each step Questions at the end of every chapter reinforce learning and pinpoint weaknesses "Still Struggling?" icon offers specific recommendations for when you're having difficulty with certain subtopics Includes a final exam for overall self-assessment "Curriculum Tree" shows how the topic covered in the book fits into a larger curriculum

This is the most definitive, informative video reference available, made more compelling by the authors inclusion of the hottest new trends and cutting-edge development in the field. This book will serve as an invaluable guide to the designers and engineers who will design, create and deliver these products and services.

UNRAVEL the mystery of STRING THEORY Trying to understand string theory but ending up with your brain in knots? Here's your lifeline! This straightforward guide explains the fundamental principles behind this cutting-edge concept. String Theory Demystified elucidates the goal of the theory—to combine general relativity and quantum theory into a single, unified framework. You'll learn about classical strings, conformal field theory, quantization, compactification, and T duality. The book covers supersymmetry and superstrings, D-branes, the holographic principle, and cosmology. Hundreds of examples and illustrations make it easy to understand the material, and end-of-chapter quizzes and a final exam help reinforce learning. This fast and easy guide offers: Numerous figures to illustrate key concepts Sample problems with worked solutions Coverage of equations of motion, the energy-momentum tensor, and conserved currents A discussion of the Randall-Sundrum model A time-saving approach to performing better on an exam or at work Simple enough for a beginner, but challenging enough for an advanced student, String Theory Demystified is your key to comprehending this theory of everything.

Unlock the riddle of speaking and interacting in Spanish Spanish Demystified provides you with a solid foundation for building conversation skills in that language. You can go at your own pace as you are guided through the fundamentals of communicating in Spanish. Organized around everyday themes such as meeting people, making plans, and talking on the phone each chapter features an in-depth dialog presented both in the book and on the audio, coverage of essential communication skills (such as asking a question or making comparisons), review of key grammar points, and written and verbal activities to reinforce new communication skills.

Here's the sure cure for CIRCUIT PARALYSIS! Need to learn circuit analysis but experiencing some resistance in your brain waves? No stress! Circuit Analysis Demystified will give you the joy! you need to understand this complex subject—without getting your circuits crossed. In the first part of the book, you'll learn the fundamentals such as voltage and current theorems, Thevenin and Norton's theorems, op amp circuits, capacitance and inductance, and phasor analysis of circuits. Then you'll move on to more advanced topics including Laplace transforms, three-phase circuits, filters, Bode plots, and characterization of circuit stability. Featuring end-of-chapter quizzes and a final exam, this book will have you in a steady state when it comes to circuit analysis in no time at all. This fast and easy guide offers: Numerous figures to illustrate key concepts Sample equations with worked solutions Coverage of Kirchhoff's laws, the superposition theorem, Millman's theorem, and delta-wye transformations Quizzes at the end of each chapter to reinforce learning A time-saving approach to performing better on an exam or at work Simple enough for a beginner, but challenging enough for an advanced student, Circuit Analysis Demystified will transform you into a master of this essential engineering subject.

Digital Electronic Circuits

A Self Teaching Guide

French Conversation Demystified

Digital Electronics

Forensics Demystified

The field of teaching digital electronics has not changed significantly in the past 20 years. Many of the same books that first became available in the late 1970s and early 1980s are still being used as basic texts. In the 20+ years since these were written, the basic rules have not changed, but they do not provide strong links to modern electronics including CMOS logic, Programmable Logic Devices and microprocessor/microcontroller interfacing. Courses teaching introductory digital electronics will fill in the missing areas of information for students, but neither the instructors nor students have resources to explain modern technology and interfaces. One assumption made by all the standard texts is that experimenting with digital electronics cannot be done easily - in the proposed book, digital electronics can be done easily. Organized around everyday themes such as meeting people, making plans, and talking on the phone each chapter features an in-depth dialog presented both in the book and on the audio, coverage of essential communication skills (such as asking a question or making comparisons), review of key grammar points, and written and verbal activities to reinforce new communication skills.

Here's the sure cure for CIRCUIT PARALYSIS! Need to learn circuit analysis but experiencing some resistance in your brain waves? No stress! Circuit Analysis Demystified will give you the joy! you need to understand this complex subject—without getting your circuits crossed. In the first part of the book, you'll learn the fundamentals such as voltage and current theorems, Thevenin and Norton's theorems, op amp circuits, capacitance and inductance, and phasor analysis of circuits. Then you'll move on to more advanced topics including Laplace transforms, three-phase circuits, filters, Bode plots, and characterization of circuit stability. Featuring end-of-chapter quizzes and a final exam, this book will have you in a steady state when it comes to circuit analysis in no time at all. This fast and easy guide offers: Numerous figures to illustrate key concepts Sample problems with worked solutions Coverage of equations of motion, the energy-momentum tensor, and conserved currents A discussion of the Randall-Sundrum model A time-saving approach to performing better on an exam or at work Simple enough for a beginner, but challenging enough for an advanced student, Fluid Mechanics Demystified is your shortcut to understanding this essential engineering subject.

Am up your understanding of electricity and magnetism with DOZENS OF DO-IT-YOURSELF EXPERIMENTS Electricity Experiments You Can Do At Home is a hands-on guide that helps you master the principles of electrical currents and magnetism. Each of the book's three sections—direct current, alternating current, and magnetism—begins with step-by-step instructions for setting up your lab for the experiment that follow. Using inexpensive, easy-to-find parts, the experiments proceed from basic to more complex parts and processes in increasing order of difficulty. Expect unexpected results when you experiment with: Diode-based voltage reducers Compass-based galvanometer Photovoltaic illuminometer Utility bulb saver Ripple filter Xenon-diode voltage regulator AC spectrum monitor

Amper's law with wide loop AC electromagnet Handheld wind turbine And dozens more projects ELECTRICITY EXPERIMENTS YOU CAN DO AT HOME helps you to: Solve circuit problems in electricity Build practical and interesting electrical and magnetic devices Get ideas for science-fair projects Prepare for advanced courses in electricity and electronics Learn the basics of laboratory practice This step-by-step approach to untangling the complexities of ethics from the bestselling ... Demystified brand is a trusted companion to a college (346,000 students annually) course or as a self-teaching guide for readers studying on their own. About the Book This easy-to-use guide from the popular Demystified series makes learning about ethics simple by walking readers step-by-step through the fundamentals of the subject. Each chapter concludes with a self-test that allows readers to track their progress, and a comprehensive final exam at the end of the book gives instant feedback on new knowledge. Ethics Demystified lets readers work at their own pace and provides them with the essentials of the subject. Readers will learn: The important concepts of ethical theory How to untangle moral dilemmas and questions of right conduct Metaethics and how to understand ethical facts and judgments How to define a "right action" with normative ethics Applied ethics—from civil liberties and capital punishment to euthanasia and affirmative action The role business ethics play in today's corporate world Following the easy-to-use format of the books in the bestselling ... Demystified series, Ethics Demystified helps you truly comprehend this challenging subject a without overwhelming you with complexities or mystifying jargon. Bestselling series: Since its launch in 2002, the 100+ books in the Demystified series have sold more than 1.5 million units for more than \$14 million in revenue. Unique features: Readers work at their own pace, and hands-on self tests and a "final exam" lets readers gauge their progress as they stay on track. Large audience: In 2005, 368,000 college students used Demystified series. Current topic: Business ethics are becoming an important part of MBA programs. Step-by-step, self-teaching approach lets readers build ethics knowledge at their own pace. Chapter-ending quizzes, part-ending tests, and a final exam give readers instant feedback on their understanding of the topic. Ethics Demystified is an excellent self-teaching guide for: Undergraduate-level ethics and philosophy students (368,000 annual enrollment) Independent readers who want to build a solid foundation in ethics in their spare time

MULTIPLY your chances of understanding DISCRETE MATHEMATICS! You're interested in learning the fundamentals of discrete mathematics but can't seem to get your brain to function, then here's your solution. Add this easy-to-follow guide to the equation and calculate how quickly you learn the essential concepts. Written by award-winning math professor Steven Krantz, Discrete Mathematics Demystified explains this challenging topic in an effective and enlightening way. You will learn about logic, proofs, functions, matrices, sequences, series, and much more. Concise explanations, real-world examples, and worked equations make it easy to understand the material, and end-of-chapter exercises and a final exam help reinforce learning. This fast and easy guide offers: Numerous figures to illustrate key concepts Sample problems with worked solutions Coverage of set theory, graph theory, and number theory Chapters on cryptography and Boolean algebra A time-saving approach to performing better on an exam or at work Simple enough for a beginner, but challenging enough for an advanced student, Discrete Mathematics Demystified is your integral tool for mastering this complex subject.

Signals & Systems Demystified

Mathematica DeMYSTiFieD

Electronics Demystified

U.S. History DeMYSTiFieD

Dosage Calculations Demystified

Take a long rest out of learning GERMAN Interested in learning to speak German but can't tell the difference between a studel and a schnauzer? No need to feel intimidated! With German Demystified you'll develop language skills so quickly you'll pass for a wunderkind. Organized into twenty chapters that cover key grammar topics, this book contains the building blocks for the storehouse of your new German language skills. Clear grammar rules, essential vocabulary, useful adjectives and adverbs, and even the correct way to ask questions, this guide makes learning what can be a difficult language both simple and entertaining. Test yourself at the end of every chapter for reinforcement that you're fast on your way to speaking, writing, and understanding German. This fast and easy guide offers: Clear grammatical explanations that illustrate how the language works Numerous examples that place new vocabulary in practical context Helpful writing and speaking exercises that bring the German language to life Coverage of everyday topics, conversational expressions, and cultural information Quizzes at the end of each chapter reinforce new language skills Simple enough for a beginner but challenging enough for a more advanced student, German Demystified is your shortcut to mastering this complex language.

Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. The perfect resource for anyone learning digital logic and electronics, written by renowned digital "guru" Myke Predko in the audience-tested Demystified format. The field of teaching digital electronics has not changed significantly in the past 20 years. Many of the same books that first became available in the late 1970s and early 1980s are still being used as basic texts. In the 20+ years since these were written, the basic rules have not changed, but they do not provide strong links to modern electronics including CMOS logic, Programmable Logic Devices and microprocessor/microcontroller interfacing. Courses teaching introductory digital electronics will fill in the missing areas of information for students, but neither the instructors nor students have resources to explain modern technology and interfaces. One assumption made by all the standard texts is that experimenting with digital electronics cannot be done easily - in the proposed book, "digital guru" Myke Predko will show how readers can set up their own apparatus for experimenting with digital electronics for less than \$10.

James D. Broesch is a staff engineer for General Atomics, where he is responsible for the design and development of several advanced control systems used on fusion control programs. He also teaches classes in signal processing and hardware design at the University of California-San Diego. · Integrated book/software package allows readers to simulate digital signal processing (DSP) situations and experiment with effects of different DSP techniques. · Gives an applications-oriented approach to DSP instead of a purely mathematical one. · The accompanying CD includes a DSP "calculator" to help solve design problems. · Get familiar with the basic and advanced Modeling types in Verilog HDL. Key Features a- Learn about the step-wise process to use Verilog design tools such as Xilinx, Vivado, Cadence NC-SIM a- Explore the various types of HDL and its need a- Learn Verilog HDL modeling types using examples a- Learn advanced concept such as UDP, Switch level modeling a- Learn about FPGA based prototyping of the digital system Description Hardware Description Language (HDL) allows analysis and simulation of digital logic and circuits. The HDL is an integral part of the EDA (electronic design automation) tool for PLDs, microprocessors, and ASICs. So, HDL is used to describe a Digital System. The combinational and sequential logic circuits can be described easily using HDL. Verilog HDL, standardized as IEEE 1364, is a hardware description language used to model electronic systems. This book is a comprehensive guide about the digital system and its design using various VLSI design tools as well as Verilog HDL. The step-wise procedure to use various VLSI tools such as Xilinx, Vivado, Cadence NC-SIM, is covered in this book. It also explains the advanced concept such as User Define Primitives (UDP), switch level modeling, reconfigurable computing, etc. Finally, this book ends with FPGA based prototyping of the digital system. By the end of this book, you will understand everything related to digital system design. What will you learn a- Implement Adder, Subtractor, Adder-Cum-Subtractor using Verilog HDL. a- Explore the various Modeling styles in Verilog HDL. a- Implement Switch level modeling using Verilog HDL. a- Get familiar with advanced modeling techniques in Verilog HDL. a- Get to know more about FPGA based prototyping using Verilog HDL Who this book is for Anyone interested in Electronics and VLSI design and want to learn Digital System Design with Verilog HDL will find this book useful. IC developers can also use this book as a quick reference for Verilog HDL fundamentals & features. Table of Contents 1. An Introduction to VLSI Design Tools 2. Need of Hardware Description Language (HDL) 3. Logic Gate Implementation in Verilog HDL 4. Adder-Subtractor Implementation Using Verilog HDL 5. Multiplexer/Demultiplexer Implementation in Verilog HDL 6. Encoder/Decoder Implementation Using Verilog HDL 7. Magnitude Comparator Implementation Using Verilog HDL 8. Flip-Flop Implementation Using Verilog HDL 9. Shift Registers Implementation Using Verilog HDL 10. Counter Implementation Using Verilog HDL 11. Shift Register Counter Implementation Using Verilog HDL 12. Advanced Modeling Techniques 13. Switch Level Modeling 14. FPGA Prototyping in Verilog HDL About the Author Dr. Chery Bhargava is working as an associate professor and head, VLSI domain, School of Electrical and Electronics Engineering at Lovely Professional University, Punjab, India. She has more than 14 years of teaching and research experience. She is Ph.D. (ECE), IKGPTU, M.Tech (VLSI Design & CAD) Thapar University and B.Tech (Electronics and Instrumentation) from Kurukshetra University. She is GATE qualified with All India Rank 428. She has authored about 50 technical research papers in SCI, Scopus indexed quality journals, and national/international conferences. She has eleven books related to reliability, artificial intelligence, and digital electronics to her credit. She has registered five copyrights and filed twenty-two patents. Your LinkedIn Profile https://in.linkedin.com/in/dr-chery-bhargava-7315619 Dr. Rajkumar Sarma received his B.E. in Electronics and Communications Engineering from Vinayaka Missions University, Salem, India & M.Tech degree from Lovely Professional University, Phagwara, Punjab and currently pursuing Ph.D. from Lovely Professional University, Phagwara, Punjab. Your LinkedIn Profile www.linkedin.com/in/rajkumar-sarma-213657126

Demystified lets you work at your own pace and arms you with the essentials of communicating in French in an unmitidating format. Organized around everyday scenarios such as meeting people, talking about yourself, and eating out, each chapter features: An in-depth dialog presented both in the book and on the audio. Coverage of essential communication skills (such as asking a question or making comparisons). Review of key grammar points. Written and verbal activities to reinforce new communication skills. Each chapter concludes with a written and audio quiz that allows you to track your progress, and a comprehensive final exam at the end of the book gives instant feedback on new language skills.

Optics Demystified

Medical Charting Demystified

Principles, Devices and Applications Pharmacology Demystified

French Demystified

Decode the mystery of English grammar to add polish to your papers, emails, business letters, and more English Grammar Demystified teaches the fundamentals of the subject in an easy, step-by-step approach that allows you to learn at your own pace. With help from this book, you will understand the parts of speech, learn to use punctuation correctly, master verb tenses, spot and avoid common grammar errors, and improve your overall sentence structure. Throughout the book you can monitor your progress through self-tests, and a comprehensive final exam at the end of the book gives you instant feedback on new language skills. Thought-provoking and accessible in approach, this updated and expanded second edition of the Digital Electronics Demystifiedprovides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for advanced graduate-level students. We hope you find this book useful in shaping your future career. Feel free to send us your enquiries related to our publications to info@risepress.pw. Rise Press

Unlock the riddle of speaking and interacting in German German Demystified provides you with a solid foundation for building conversation skills in that language. You can go at your own pace as you are guided through the fundamentals of communicating in German. Organized around everyday themes such as meeting people, making plans, and talking on the phone each chapter features an in-depth dialog presented both in the book and on the audio, coverage of essential communication skills (such as asking a question or making comparisons), review of key grammar points, and written and verbal activities to reinforce new communication skills.

Learn BIOPHYSICS without expending a lot of ENERGY! Interested in unraveling the physics of living things? Here's your starting point. Biophysics Demystified is the fast and easy way to understand this fascinating topic. Written in a step-by-step format, this practical guide begins with an introduction to the science of biophysics, covering biophysical techniques and applications. Next, you'll learn the principles of physics, biology, and chemistry required to understand biophysics, including free energy, entropy, and statistical mechanics. Biomolecules and the forces that influence their structure and conformation are also covered, as are protein, nucleic acid, and membrane biophysics. Detailed examples and concise explanations make it easy to understand the material, and end-of-chapter quizzes and a final exam help reinforce key concepts. It's a no-brainer! You'll get: Molecular, subcellular, physiological, anatomical, and environmental biophysics The laws of thermodynamics as they apply to biophysical systems Forces affecting conformation in biological molecules The composition and structure of carbohydrates, lipids, proteins, and nucleic acids The fluid mosaic model Simple enough for a beginner, but challenging enough for an advanced student, Biophysics Demystified makes this interdisciplinary subject easy to master.

There's no easier, faster, or more practical way to learn the really tough subjects Pharmacology Demystified covers the practical aspects of pharmacology that you need to master to become a healthcare or nursing professional. This self-teaching guide comes complete with key points, background information, quizzes at the end of each chapter, and even a final exam. Simple enough for beginners but challenging enough for advanced students, this is a lively and entertaining brush-up, introductory text, or classroom supplement.

Relativity Demystified

Digital Frequency Synthesis Demystified

Nanotechnology Demystified

Circuit Analysis Demystified

German Conversation Demystified

There's no easier, faster, or more practical way to learn the really tough subjects Forensics Demystified explains forensic science in a logical progression from evidence collection through analysis and finally to the scientist actually testifying in court. This self-teaching guide comes complete with key points, background information, quizzes at the end of each chapter, and even a final exam. Simple enough for beginners but challenging enough for advanced students, this is a lively and entertaining brush-up, introductory text, or classroom supplement.

Get familiar with the basic and advanced Modeling types in Verilog HDL. Key Features a- Learn about the step-wise process to use Verilog design tools such as Xilinx, Vivado, Cadence NC-SIM a- Explore the various types of HDL and its need a- Learn Verilog HDL modeling types using examples a- Learn advanced concept such as UDP, Switch level modeling a- Learn about FPGA based prototyping of the digital system Description Hardware Description Language (HDL) allows analysis and simulation of digital logic and circuits. The HDL is an integral part of the EDA (electronic design automation) tool for PLDs, microprocessors, and ASICs. So, HDL is used to describe a Digital System. The combinational and sequential logic circuits can be described easily using HDL. Verilog HDL, standardized as IEEE 1364, is a hardware description language used to model electronic systems. This book is a comprehensive guide about the digital system and its design using various VLSI design tools as well as Verilog HDL. The step-wise procedure to use various VLSI tools such as Xilinx, Vivado, Cadence NC-SIM, is covered in this book. It also explains the advanced concept such as User Define Primitives (UDP), switch level modeling, reconfigurable computing, etc. Finally, this book ends with FPGA based prototyping of the digital system. By the end of this book, you will understand everything related to digital system design. What will you learn a- Implement Adder, Subtractor, Adder-Cum-Subtractor using Verilog HDL. a- Explore the various Modeling styles in Verilog HDL. a- Implement Switch level modeling using Verilog HDL. a- Get familiar with advanced modeling techniques in Verilog HDL. a- Get to know more about FPGA based prototyping using Verilog HDL Who this book is for Anyone interested in Electronics and VLSI design and want to learn Digital System Design with Verilog HDL will find this book useful. IC developers can also use this book as a quick reference for Verilog HDL fundamentals & features. Table of Contents 1. An Introduction to VLSI Design Tools 2. Need of Hardware Description Language (HDL) 3. Logic Gate Implementation in Verilog HDL 4. Adder-Subtractor Implementation Using Verilog HDL 5. Multiplexer/Demultiplexer Implementation in Verilog HDL 6. Encoder/Decoder Implementation Using Verilog HDL 7. Magnitude Comparator Implementation Using Verilog HDL 8. Flip-Flop Implementation Using Verilog HDL 9. Shift Registers Implementation Using Verilog HDL 10. Counter Implementation Using Verilog HDL 11. Shift Register Counter Implementation Using Verilog HDL 12. Advanced Modeling Techniques 13. Switch Level Modeling 14. FPGA Prototyping in Verilog HDL About the Author Dr. Chery Bhargava is working as an associate professor and head, VLSI domain, School of Electrical and Electronics Engineering at Lovely Professional University, Punjab, India. She has more than 14 years of teaching and research experience. She is Ph.D. (ECE), IKGPTU, M.Tech (VLSI Design & CAD) Thapar University and B.Tech (Electronics and Instrumentation) from Kurukshetra University. She is GATE qualified with All India Rank 428. She has authored about 50 technical research papers in SCI, Scopus indexed quality journals, and national/international conferences. She has eleven books related to reliability, artificial intelligence, and digital electronics to her credit. She has registered five copyrights and filed twenty-two patents. Your LinkedIn Profile https://in.linkedin.com/in/dr-chery-bhargava-7315619 Dr. Rajkumar Sarma received his B.E. in Electronics and Communications Engineering from Vinayaka Missions University, Salem, India & M.Tech degree from Lovely Professional University, Phagwara, Punjab and currently pursuing Ph.D. from Lovely Professional University, Phagwara, Punjab. Your LinkedIn Profile www.linkedin.com/in/rajkumar-sarma-213657126

Demystified lets you work at your own pace and arms you with the essentials of communicating in French in an unmitidating format. Organized around everyday scenarios such as meeting people, talking about yourself, and eating out, each chapter features: An in-depth dialog presented both in the book and on the audio. Coverage of essential communication skills (such as asking a question or making comparisons). Review of key grammar points. Written and verbal activities to reinforce new communication skills. Each chapter concludes with a written and audio quiz that allows you to track your progress, and a comprehensive final exam at the end of the book gives instant feedback on new language skills.

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Principles, Devices and Applications Pharmacology Demystified

French Demystified

Decode the mystery of English grammar to add polish to your papers, emails, business letters, and more English Grammar Demystified teaches the fundamentals of the subject in an easy, step-by-step approach that allows you to learn at your own pace. With help from this book, you will understand the parts of speech, learn to use punctuation correctly, master verb tenses, spot and avoid common grammar errors, and improve your overall sentence structure. Throughout the book you can monitor your progress through self-tests, and a comprehensive final exam at the end of the book gives you instant feedback on new language skills. Thought-provoking and accessible in approach, this updated and expanded second edition of the Digital Electronics Demystifiedprovides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for advanced graduate-level students. We hope you find this book useful in shaping your future career. Feel free to send us your enquiries related to our publications to info@risepress.pw. Rise Press

Unlock the riddle of speaking and interacting in German German Demystified provides you with a solid foundation for building conversation skills in that language. You can go at your own pace as you are guided through the fundamentals of communicating in German. Organized around everyday themes such as meeting people, making plans, and talking on the phone each chapter features an in-depth dialog presented both in the book and on the audio, coverage of essential communication skills (such as asking a question or making comparisons), review of key grammar points, and written and verbal activities to reinforce new communication skills.

Learn BIOPHYSICS without expending a lot of ENERGY! Interested in unraveling the physics of living things? Here's your starting point. Biophysics Demystified is the fast and easy way to understand this fascinating topic. Written in a step-by-step format, this practical guide begins with an introduction to the science of biophysics, covering biophysical techniques and applications. Next, you'll learn the principles of physics, biology, and chemistry required to understand biophysics, including free energy, entropy, and statistical mechanics. Biomolecules and the forces that influence their structure and conformation are also covered, as are protein, nucleic acid, and membrane biophysics. Detailed examples and concise explanations make it easy to understand the material, and end-of-chapter quizzes and a final exam help reinforce key concepts. It's a no-brainer! You'll get: Molecular, subcellular, physiological, anatomical, and environmental biophysics The laws of thermodynamics as they apply to biophysical systems Forces affecting conformation in biological molecules The composition and structure of carbohydrates, lipids, proteins, and nucleic acids The fluid mosaic model Simple enough for a beginner, but challenging enough for an advanced student, Biophysics Demystified makes this interdisciplinary subject easy to master.

There's no easier, faster, or more practical way to learn the really tough subjects Pharmacology Demystified covers the practical aspects of pharmacology that you need to master to become a healthcare or nursing professional. This self-teaching guide comes complete with key points, background information, quizzes at the end of each chapter, and even a final exam. Simple enough for beginners but challenging enough for advanced students, this is a lively and entertaining brush-up, introductory text, or classroom supplement.

Relativity Demystified

Digital Frequency Synthesis Demystified

Nanotechnology Demystified

Circuit Analysis Demystified

German Conversation Demystified

There's no easier, faster, or more practical way to learn the really tough subjects Forensics Demystified explains forensic science in a logical progression from evidence collection through analysis and finally to the scientist actually testifying in court. This self-teaching guide comes complete with key points, background information, quizzes at the end of each chapter, and even a final exam. Simple enough for beginners but challenging enough for advanced students, this is a lively and entertaining brush-up, introductory text, or classroom supplement.

Get familiar with the basic and advanced Modeling types in Verilog HDL. Key Features a- Learn about the step-wise process to use Verilog design tools such as Xilinx, Vivado, Cadence NC-SIM a- Explore the various types of HDL and its need a- Learn Verilog HDL modeling types using examples a- Learn advanced concept such as UDP, Switch level modeling a- Learn about FPGA based prototyping of the digital system Description Hardware Description Language (HDL) allows analysis and simulation of digital logic and circuits. The HDL is an integral part of the EDA (electronic design automation) tool for PLDs, microprocessors, and ASICs. So, HDL is used to describe a Digital System. The combinational and sequential logic circuits can be described easily using HDL. Verilog HDL, standardized as IEEE 1364, is a hardware description language used to model electronic systems. This book is a comprehensive guide about the digital system and its design using various VLSI design tools as well as Verilog HDL. The step-wise procedure to use various VLSI tools such as Xilinx, Vivado, Cadence NC-SIM, is covered in this book. It also explains the advanced concept such as User Define Primitives (UDP), switch level modeling, reconfigurable computing, etc. Finally, this book ends with FPGA based prototyping of the digital system. By the end of this book, you will understand everything related to digital system design. What will you learn a- Implement Adder, Subtractor, Adder-Cum-Subtractor using Verilog HDL. a- Explore the various Modeling styles in Verilog HDL. a- Implement Switch level modeling using Verilog HDL. a- Get familiar with advanced modeling techniques in Verilog HDL. a- Get to know more about FPGA based prototyping using Verilog HDL Who this book is for Anyone interested in Electronics and VLSI design and want to learn Digital System Design with Verilog HDL will find this book useful. IC developers can also use this book as a quick reference for Verilog HDL fundamentals & features. Table of Contents 1. An Introduction to VLSI Design Tools 2. Need of Hardware Description Language (HDL) 3. Logic Gate Implementation in Verilog HDL 4. Adder-Subtractor Implementation Using Verilog HDL 5. Multiplexer/Demultiplexer Implementation in Verilog HDL 6. Encoder/Decoder Implementation Using Verilog HDL 7. Magnitude Comparator Implementation Using Verilog HDL 8. Flip-Flop Implementation Using Verilog HDL 9. Shift Registers Implementation Using Verilog HDL 10. Counter Implementation Using Verilog HDL 11. Shift Register Counter Implementation Using Verilog HDL 12. Advanced Modeling Techniques 13. Switch Level Modeling 14. FPGA Prototyping in Verilog HDL About the Author Dr. Chery Bhargava is working as an associate professor and head, VLSI domain, School of Electrical and Electronics Engineering at Lovely Professional University, Punjab, India. She has more than 14 years of teaching and research experience. She is Ph.D. (ECE), IKGPTU, M.Tech (VLSI Design & CAD) Thapar University and B.Tech (Electronics and Instrumentation) from Kurukshetra University. She is GATE qualified with All India Rank 428. She has authored about 50 technical research papers in SCI, Scopus indexed quality journals, and national/international conferences. She has eleven books related to reliability, artificial intelligence, and digital electronics to her credit. She has registered five copyrights and filed twenty-two patents. Your LinkedIn Profile https://in.linkedin.com/in/dr-chery-bhargava-7315619 Dr. Rajkumar Sarma received his B.E. in Electronics and Communications Engineering from Vinayaka Missions University, Salem, India & M.Tech degree from Lovely Professional University, Phagwara, Punjab and currently pursuing Ph.D. from Lovely