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Science Voyages Salt, Fat,
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of Acoustics Albert Dorne

Praise for How Learning Works
"How Learning Works is the
perfect title for this excellent
book. Drawing upon new
research in psychology,
education, and cognitive
science, the authors have
demystified a complex topic
into clear explanations of seven

powerful learning principles.
Full of great ideas and
practical suggestions, all based
on solid research evidence, this
book is essential reading for
instructors at all levels who
wish to improve their students'
learning." —Barbara Gross
Davis, assistant vice chancellor
for educational development,
University of California,
Berkeley, and author, Tools for
Teaching "This book is a must-
read for every instructor, new
or experienced. Although I
have been teaching for almost
thirty years, as I read this book
I found myself resonating with
many of its ideas, and I
discovered new ways of
thinking about teaching."
—Eugenia T. Paulus, professor

of chemistry, North Hennepin
Community College, and 2008
U.S. Community Colleges
Professor of the Year from The
Carnegie Foundation for the
Advancement of Teaching and
the Council for Advancement
and Support of Education
"Thank you Carnegie Mellon
for making accessible what has
previously been inaccessible to
those of us who are not
learning scientists. Your focus
on the essence of learning
combined with concrete
examples of the daily
challenges of teaching and
clear tactical strategies for
faculty to consider is a
welcome work. I will
recommend this book to all my
colleagues." —Catherine M.

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Casserly, senior partner, The Carnegie Foundation for the Advancement of Teaching "As you read about each of the seven basic learning principles in this book, you will find advice that is grounded in learning theory, based on research evidence, relevant to college teaching, and easy to understand. The authors have extensive knowledge and experience in applying the science of learning to college teaching, and they graciously share it with you in this organized and readable book." —From the Foreword by Richard E. Mayer, professor of psychology, University of California, Santa Barbara; coauthor, e-Learning and the

Science of Instruction; and author, Multimedia Learning A masterclass in content marketing strategy for content creators at every stage of the journey With 418 contributors representing over 120 medical centers from around the world, this book comprehensively covers the entire field of emergency medicine -- from prehospital care, disaster preparedness, and basic resuscitative techniques -- to all the major diseases and disorders encountered in the emergency department. Unquestionably the leading text in the field, this is a true must-have reference for everyone in emergency medicine from residents to

practicing physicians. The Seventh Edition is highlighted by a new full-color presentation, a companion DVD with 17 additional chapters, a greater international focus, and innovative new features and content. There's only one place in the world where you can find and connect with hundreds of millions of professionals every day, and that's on LinkedIn. Are you taking advantage of it? Or are you who Gary Vaynerchuk is talking about when he says, "So many . . . are missing out on the insane opportunity on LinkedIn right now." Tragically, too many of the almost 800 million people on LinkedIn are missing out because they use it the wrong

way, but that spells opportunity for those who use it correctly. The good news is, with this book as your guide, you'll be an expert LinkedIn user in no time. Whether you're an employee who dreams of finding a new job, an executive who needs to hire star talent, or an entrepreneur who wants to grow a business, LinkedIn Mastery is the super-simple, straightforward, practical blueprint that will help you achieve your goals. This step-by-step guide to mastering LinkedIn will teach you how to: Optimize your LinkedIn profile so it's something you're proud to show off, rather than something you want to hide. Make high-quality

connections on LinkedIn with your ideal audience—the people you can serve and who can serve you. Create compelling content—quickly, easily, and affordably—that will bring your dream opportunities to you. This book contains 60 LinkedIn lessons, each short enough to understand and implement in 15 minutes or less. If you complete one each day, within 60 days you'll fully master LinkedIn. If you're looking to find a new job, your LinkedIn profile will attract the best employers and the best offers. If you're recruiting, you'll find and connect with top talent. And if you're generating leads and growing your business, you'll create content that

brings your ideal customer to you. Are you ready for your first lesson? The New York Times bestseller that gives readers a paradigm-shattering new way to think about motivation from the author of *When: The Scientific Secrets of Perfect Timing*. Most people believe that the best way to motivate is with rewards like money—the carrot-and-stick approach. That's a mistake, says Daniel H. Pink (author of *To Sell Is Human: The Surprising Truth About Motivating Others*). In this provocative and persuasive new book, he asserts that the secret to high performance and satisfaction—at work, at school, and at home—is the deeply human need to direct our own

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lives, to learn and create new things, and to do better by ourselves and our world. Drawing on four decades of scientific research on human motivation, Pink exposes the mismatch between what science knows and what business does—and how that affects every aspect of life. He examines the three elements of true motivation—autonomy, mastery, and purpose—and offers smart and surprising techniques for putting these into action in a unique book that will change how we think and transform how we live. Shorten the distance from prospect to customer with this transformative guide to content strategy. Written for new

marketers and seasoned professionals, Master Content Strategy shares a proven approach to revenue-generating content marketing that combines human expertise and AI writing tools for content production. This book will show you how to nurture robust consumer relationships and propel your business forward in the digital realm. Plus, you'll get the systems, processes, and trustworthy advice of a career marketer on the front lines of the industry. You and your marketing team will: - Develop a content strategy to guide what and how often you publish so you can convert skeptical prospects to enthusiastic buyers - Implement a "lazy"

method for content creation (with AI as an assistant) which will optimize your time and resources - Navigate your website's growth stages with a tailored content plan that ensures continuous brand engagement - Harness multimedia content and amplify your business's messages across platforms - Discover simple ways to repurpose content and multiply your impact (without the extra workload) - Use strategic content upgrades to transform your email list into a powerful asset - Access real-world content strategies shared by successful content marketers Master Content Strategy is the second book in Pamela Wilson's

Master Content series. It's an indispensable resource for businesses of all sizes who want to use a fresh, results-driven approach to content marketing. Ready to compete with content? Grab your copy of Master Content Strategy today. Tomorrow's best physicians will be those who continually learn, adjust, and innovate as new information and best practices evolve, reflecting adaptive expertise in response to practice challenges. As the first volume in the American Medical Association's MedEd Innovation Series, The Master Adaptive Learner is an instructor-focused guide covering models for how to

train and teach future clinicians who need to develop these adaptive skills and utilize them throughout their careers. Explains and clarifies the concept of a Master Adaptive Learner: a metacognitive approach to learning based on self-regulation that fosters the success and use of adaptive expertise in practice. Contains both theoretical and practical material for instructors and administrators, including guidance on how to implement a Master Adaptive Learner approach in today's institutions. Gives instructors the tools needed to empower students to become efficient and successful adaptive learners. Helps medical faculty

and instructors address gaps in physician training and prepare new doctors to practice effectively in 21st century healthcare systems. One of the American Medical Association Change MedEd initiatives and innovations, written and edited by members of the ACE (Accelerating Change in Medical Education) Consortium - a unique, innovative collaborative that allows for the sharing and dissemination of groundbreaking ideas and projects. "Unlock the Full Potential of Your Content Creation with 'Master ChatGPT - Content Mastery Via Prompt for Profits.'" This comprehensive guidebook takes a deep dive into the power of ChatGPT and

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its role in revolutionizing content creation and marketing strategy. Through a focus on intuitive prompts and templates, this book provides practical tips, tools, and techniques that allow users to tap into their full content creation potential and achieve measurable business results. The book explores the critical concept of prompt engineering and offers insights into how to craft effective prompts that build a foundation for successful content creation and marketing campaigns. Whether you are an experienced marketer or a beginner, this book offers something for everyone, from practical tips for optimizing content to

achieve maximum results to using intuitive prompts and templates to generate unique, engaging content quickly. The power of ChatGPT extends beyond content creation, and this book explores various use cases where it can be utilized to enhance content marketing strategies, such as SEO writing, copywriting, creative ideation, and compelling writing. With detailed explanations and over 200 real-world examples, the author offers practical guidance on how to utilize intuitive prompts and templates to maximize the impact of your content. By leveraging the power of ChatGPT and the insights

provided in this book, you can create high-quality content that resonates with your target audience, drives conversions, and achieves measurable business results. Whether you're looking to enhance your content marketing strategy or take your content creation to the next level, 'Master ChatGPT - Content Mastery Via Prompt for Profits' is a must-read for anyone seeking to unlock the full potential of their content creation." "Content Mastery: The Ultimate Guide to Content Marketing" serves as a comprehensive roadmap for navigating the dynamic landscape of content marketing. Authored by industry experts, this book

offers invaluable insights and strategies for marketers, entrepreneurs, and business owners looking to harness the power of content to drive engagement, build brand authority, and achieve marketing success. The book begins by laying a strong foundation in content marketing principles, covering topics such as audience research, content strategy development, and goal setting. Readers are guided through the process of creating compelling and relevant content that resonates with their target audience, emphasizing the importance of storytelling, authenticity, and creativity. A key focus of

"Content Mastery" is on leveraging various content formats and channels effectively. From blog posts and articles to videos, podcasts, and social media, the book provides practical tips and best practices for maximizing the impact of content across different platforms. It also explores emerging trends and technologies shaping the future of content marketing, such as interactive content, AI-driven personalization, and voice search optimization. The book doesn't just stop at content creation; it also delves into the nuances of content distribution and promotion. Readers learn how to develop a distribution

strategy that reaches their target audience through organic and paid channels, as well as how to measure and analyze the performance of their content using key metrics and analytics tools. Moreover, "Content Mastery" emphasizes the importance of continuous learning and adaptation in the ever-evolving field of content marketing. It provides resources and recommendations for staying updated on industry trends, attending conferences, and networking with other professionals. Whether you're a seasoned marketer or a novice entrepreneur, "Content Mastery" equips you with the knowledge, tools, and

strategies needed to excel in content marketing and achieve your business objectives in today's digital world. In Antoni van Leeuwenhoek, Master of the Minuscule, the life and discoveries of Antoni van Leeuwenhoek, father of microbiology, are described in the context of the historical events of the Dutch Golden Age and discoveries of his contemporaries. An accessible and fun guide to the essential tools of econometric research Applied econometrics, known to aficionados as 'metrics, is the original data science. 'Metrics encompasses the statistical methods economists use to untangle cause and effect in human affairs.

Through accessible discussion and with a dose of kung fu-themed humor, Mastering 'Metrics presents the essential tools of econometric research and demonstrates why econometrics is exciting and useful. The five most valuable econometric methods, or what the authors call the Furious Five--random assignment, regression, instrumental variables, regression discontinuity designs, and differences in differences--are illustrated through well-crafted real-world examples (vetted for awesomeness by Kung Fu Panda's Jade Palace). Does health insurance make you healthier? Randomized experiments provide answers.

Are expensive private colleges and selective public high schools better than more pedestrian institutions? Regression analysis and a regression discontinuity design reveal the surprising truth. When private banks teeter, and depositors take their money and run, should central banks step in to save them? Differences-in-differences analysis of a Depression-era banking crisis offers a response. Could arresting O. J. Simpson have saved his ex-wife's life? Instrumental variables methods instruct law enforcement authorities in how best to respond to domestic abuse. Wielding econometric tools with skill and confidence,

Mastering 'Metrics uses data and statistics to illuminate the path from cause to effect. Shows why econometrics is important Explains econometric research through humorous and accessible discussion Outlines empirical methods central to modern econometric practice Works through interesting and relevant real-world examples Now a Netflix series New York Times Bestseller and Winner of the 2018 James Beard Award for Best General Cookbook and multiple IACP Cookbook Awards Named one of the Best Books of 2017 by: NPR, BuzzFeed, The Atlantic, The Washington Post, Chicago Tribune, Rachel Ray Every Day,

San Francisco Chronicle, Vice Munchies, Elle.com, Glamour, Eater, Newsday, Minneapolis Star Tribune, The Seattle Times, Tampa Bay Times, Tasting Table, Modern Farmer, Publishers Weekly, and more. A visionary new master class in cooking that distills decades of professional experience into just four simple elements, from the woman declared "America's next great cooking teacher" by Alice Waters. In the tradition of The Joy of Cooking and How to Cook Everything comes Salt, Fat, Acid, Heat, an ambitious new approach to cooking by a major new culinary voice. Chef and writer Samin Nosrat has taught everyone from professional chefs to middle

school kids to author Michael Pollan to cook using her revolutionary, yet simple, philosophy. Master the use of just four elements--Salt, which enhances flavor; Fat, which delivers flavor and generates texture; Acid, which balances flavor; and Heat, which ultimately determines the texture of food--and anything you cook will be delicious. By explaining the hows and whys of good cooking, Salt, Fat, Acid, Heat will teach and inspire a new generation of cooks how to confidently make better decisions in the kitchen and cook delicious meals with any ingredients, anywhere, at any time. Echoing Samin's own journey from culinary novice to

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award-winning chef, Salt, Fat Acid, Heat immediately bridges the gap between home and professional kitchens. With charming narrative, illustrated walkthroughs, and a lighthearted approach to kitchen science, Samin demystifies the four elements of good cooking for everyone. Refer to the canon of 100 essential recipes--and dozens of variations--to put the lessons into practice and make bright, balanced vinaigrettes, perfectly caramelized roast vegetables, tender braised meats, and light, flaky pastry doughs. Featuring 150 illustrations and infographics that reveal an atlas to the world of flavor by renowned illustrator Wendy

MacNaughton, Salt, Fat, Acid, Heat will be your compass in the kitchen. Destined to be a classic, it just might be the last cookbook you'll ever need. With a foreword by Michael Pollan. "One of the most significant books in my life." -Obie Fernandez, Author, The Rails Way "Twenty years ago, the first edition of The Pragmatic Programmer completely changed the trajectory of my career. This new edition could do the same for yours." -Mike Cohn, Author of Succeeding with Agile , Agile Estimating and Planning , and User Stories Applied ". . . filled with practical advice, both technical and professional, that will serve you and your projects

well for years to come." -Andrea Goulet, CEO, Corgibytes, Founder, LegacyCode.Rocks ". . . lightning does strike twice, and this book is proof." -VM (Vicky) Brasseur, Director of Open Source Strategy, Juniper Networks The Pragmatic Programmer is one of those rare tech books you'll read, re-read, and read again over the years. Whether you're new to the field or an experienced practitioner, you'll come away with fresh insights each and every time. Dave Thomas and Andy Hunt wrote the first edition of this influential book in 1999 to help their clients create better software and rediscover the joy of coding.

These lessons have helped a generation of programmers examine the very essence of software development, independent of any particular language, framework, or methodology, and the Pragmatic philosophy has spawned hundreds of books, screencasts, and audio books, as well as thousands of careers and success stories. Now, twenty years later, this new edition re-examines what it means to be a modern programmer. Topics range from personal responsibility and career development to architectural techniques for keeping your code flexible and easy to adapt and reuse. Read this book, and you'll learn how

to: Fight software rot Learn continuously Avoid the trap of duplicating knowledge Write flexible, dynamic, and adaptable code Harness the power of basic tools Avoid programming by coincidence Learn real requirements Solve the underlying problems of concurrent code Guard against security vulnerabilities Build teams of Pragmatic Programmers Take responsibility for your work and career Test ruthlessly and effectively, including property-based testing Implement the Pragmatic Starter Kit Delight your users Written as a series of self-contained sections and filled with classic and fresh anecdotes, thoughtful

examples, and interesting analogies, The Pragmatic Programmer illustrates the best approaches and major pitfalls of many different aspects of software development. Whether you're a new coder, an experienced programmer, or a manager responsible for software projects, use these lessons daily, and you'll quickly see improvements in personal productivity, accuracy, and job satisfaction. You'll learn skills and develop habits and attitudes that form the foundation for long-term success in your career. You'll become a Pragmatic Programmer. Register your book for convenient access to

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downloads, updates, and/or corrections as they become available. See inside book for details. The goal of this book is to apply the principles of acoustics to the audio arts. This involves serving as an interpreter of major trends and the literature for students and practitioners in the audio field. Along with covering the more theoretical aspects of acoustics, the book applies the theory to the design of specialized audio spaces such as the home listening room, the control room, and the multi-track-recording studio. In a very real sense, Albert Dorne's life was a literal manifestation of the Horatio Alger tale and a model of the American Dream

come true. Born into abject poverty at the dawn of the 20th Century, Albert Dorne rose to prominence and privilege through the application of sheer determination, an instinctive grasp of solid business practices and a keen understanding of human nature combined with a native talent for drawing. Despite dropping out of school as a teen, he was and known as one of the more erudite men in his field and widely recognized as the founder of the Famous Artists School. A self-taught artist, by the time of his death in 1965, Dorne had established himself as perhaps the preeminent, highest paid illustrator of his day-one whose services were

sought after by the biggest companies and best magazines for his memorable advertising art and dynamic illustrations. A self-made man, he enjoyed the finest things that his millions could buy, and yet he never forgot his roots and remained a champion of the handicapped and the working man to the end. Now, for the first time, the entire career of this complex titan of education, industry and illustration is presented in the pages of one book. Featuring an informative essay by David Apatoff, an insightful introduction by author-illustrator Howard Munce, who knew the artist, and a graphic foreword by celebrated Mad magazine artist, Jack Davis,

this volume captures the scope and breadth of Albert Dorne's many accomplishments. Key points: This is the first and only career-spanning survey of Albert Dorne's career and his prodigious artistic output. Featuring hundreds of full color images of the artist's work, many reproduced from the original art, almost every page teems with the colorful, lively illustrations of this master craftsman. Showcases examples from every stage of Dorne's professional life, including advertising art, editorial illustrations, and posters created to support the armed services during World War II. Albert Dorne consorted with the best and brightest,

with presidents and starlets, and yet he never lost touch with the common man and woman, whose concerns infuse his artwork. One of the most important and influential artists of his era, almost forgotten today, is brought to vibrant life on the page. The landmark text that has served generations of obstetrician-gynecologists—fully updated with the most current perspectives of the field A Doody's Core Title for 2023! Williams Obstetrics has defined the discipline for generations of obstetrician-gynecologists. Written by authors from the nationally renowned University of Texas Southwestern Medical Center and Parkland Hospital,

the new edition of this authoritative, evidence-based work maintains its trademark comprehensive coverage and applicability at the bedside, while offering the most current information and insights. The culmination of a century of clinical thought, Williams Obstetrics, 26th Edition delivers expert coverage of obstetrical complications, such as preterm labor, pregnancy-related hypertension, infection, and hemorrhage. It additionally offers foundational content on reproductive anatomy, physiology, and prenatal care. The authors have enhanced this edition with 1,000+ full-color illustrations, plus an increased emphasis on the fast-

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growing subspecialty of Maternal-Fetal Medicine. No other text matches the long-established scientific rigor and accessibility of Williams Obstetrics. With its state-of-the-art design and review of the newest advances and protocols, this not-be-missed clinical companion brings positive outcomes within reach. New and updated content includes: Increased focus on Maternal-Fetal Medicine Greater coverage of hypertension and hemorrhage Deeper insights into in-utero complications Expanded fetal t section includes cutting-edge fetal imaging, genetics, prenatal diagnosis, and fetal disorders and therapy Basic

science, physiology of labor, preterm labor updated with contemporaneous publications in the literature More obstetrical sonography figures Eye-catching illustrations, including updated graphs, sonograms, MRIs, photographs, and photomicrographs What others in the trenches say about The Pragmatic Programmer... “The cool thing about this book is that it’s great for keeping the programming process fresh. The book helps you to continue to grow and clearly comes from people who have been there.” — Kent Beck, author of Extreme Programming Explained: Embrace Change “I found this book to be a great

mix of solid advice and wonderful analogies!” — Martin Fowler, author of Refactoring and UML Distilled “I would buy a copy, read it twice, then tell all my colleagues to run out and grab a copy. This is a book I would never loan because I would worry about it being lost.” — Kevin Ruland, Management Science, MSG-Logistics “The wisdom and practical experience of the authors is obvious. The topics presented are relevant and useful.... By far its greatest strength for me has been the outstanding analogies—tracer bullets, broken windows, and the fabulous helicopter-based explanation of the need for

orthogonality, especially in a crisis situation. I have little doubt that this book will eventually become an excellent source of useful information for journeymen programmers and expert mentors alike.” — John Lakos, author of Large-Scale C++ Software Design “This is the sort of book I will buy a dozen copies of when it comes out so I can give it to my clients.” — Eric Vought, Software Engineer “Most modern books on software development fail to cover the basics of what makes a great software developer, instead spending their time on syntax or technology where in reality the greatest leverage possible for any software team is in

having talented developers who really know their craft well. An excellent book.” — Pete McBreen, Independent Consultant “Since reading this book, I have implemented many of the practical suggestions and tips it contains. Across the board, they have saved my company time and money while helping me get my job done quicker! This should be a desktop reference for everyone who works with code for a living.” — Jared Richardson, Senior Software Developer, iRenaissance, Inc. “I would like to see this issued to every new employee at my company....” — Chris Cleeland, Senior Software Engineer, Object Computing, Inc. “If I’m putting

together a project, it’s the authors of this book that I want. . . . And failing that I’d settle for people who’ve read their book.” — Ward Cunningham Straight from the programming trenches, The Pragmatic Programmer cuts through the increasing specialization and technicalities of modern software development to examine the core process--taking a requirement and producing working, maintainable code that delights its users. It covers topics ranging from personal responsibility and career development to architectural techniques for keeping your code flexible and easy to adapt

and reuse. Read this book, and you'll learn how to Fight software rot; Avoid the trap of duplicating knowledge; Write flexible, dynamic, and adaptable code; Avoid programming by coincidence; Bullet-proof your code with contracts, assertions, and exceptions; Capture real requirements; Test ruthlessly and effectively; Delight your users; Build teams of pragmatic programmers; and Make your developments more precise with automation. Written as a series of self-contained sections and filled with entertaining anecdotes, thoughtful examples, and interesting analogies, The Pragmatic Programmer illustrates the

best practices and major pitfalls of many different aspects of software development. Whether you're a new coder, an experienced programmer, or a manager responsible for software projects, use these lessons daily, and you'll quickly see improvements in personal productivity, accuracy, and job satisfaction. You'll learn skills and develop habits and attitudes that form the foundation for long-term success in your career. You'll become a Pragmatic Programmer. "This book deals with Web 2.0 and how social informatics are impacting higher education practice, pedagogical theory and

innovations"--Provided by publisher. The Karluk set out in 1913 in search of an undiscovered continent, with the largest scientific staff ever sent into the Arctic. Soon after, winter had begun, they were blown off course by polar storms, the ship became imprisoned in ice, and the expedition was abandoned by its leader. Hundreds of miles from civilization, the castaways had no choice but to find solid ground as they struggled against starvation, snow blindness, disease, exposure--and each other. After almost twelve months battling the elements, twelve survivors were rescued, thanks to the heroic efforts of their captain,

Bartlett, the Ice Master, who traveled by foot across the ice and through Siberia to find help. Drawing on the diaries of those who were rescued and those who perished, Jennifer Niven re-creates with astonishing accuracy the ill-fated journey and the crews' desperate attempts to find a way home. Master the Shiny web framework—and take your R skills to a whole new level. By letting you move beyond static reports, Shiny helps you create fully interactive web apps for data analyses. Users will be able to jump between datasets, explore different subsets or facets of the data, run models with parameter values of their choosing,

customize visualizations, and much more. Hadley Wickham from RStudio shows data scientists, data analysts, statisticians, and scientific researchers with no knowledge of HTML, CSS, or JavaScript how to create rich web apps from R. This in-depth guide provides a learning path that you can follow with confidence, as you go from a Shiny beginner to an expert developer who can write large, complex apps that are maintainable and performant. Get started: Discover how the major pieces of a Shiny app fit together Put Shiny in action: Explore Shiny functionality with a focus on code samples, example apps, and useful

techniques Master reactivity: Go deep into the theory and practice of reactive programming and examine reactive graph components Apply best practices: Examine useful techniques for making your Shiny apps work well in production Tools to make hard problems easier to solve. In this book, Sanjoy Mahajan shows us that the way to master complexity is through insight rather than precision. Precision can overwhelm us with information, whereas insight connects seemingly disparate pieces of information into a simple picture. Unlike computers, humans depend on insight. Based on the author's fifteen years of teaching at

MIT, Cambridge University, and Olin College, *The Art of Insight in Science and Engineering* shows us how to build insight and find understanding, giving readers tools to help them solve any problem in science and engineering. To master complexity, we can organize it or discard it. *The Art of Insight in Science and Engineering* first teaches the tools for organizing complexity, then distinguishes the two paths for discarding complexity: with and without loss of information. Questions and problems throughout the text help readers master and apply these groups of tools. Armed with this three-part toolchest, and

without complicated mathematics, readers can estimate the flight range of birds and planes and the strength of chemical bonds, understand the physics of pianos and xylophones, and explain why skies are blue and sunsets are red. *The Art of Insight in Science and Engineering* will appear in print and online under a Creative Commons Noncommercial Share Alike license. "GRASPED Pathways to Excellence" is envisioned as a comprehensive guide aimed at individuals seeking transformation in both personal and professional spheres. It likely presents 20 innovative strategies designed to navigate

through the complexities of achieving excellence, covering a broad spectrum from enhancing leadership skills, adopting new technologies for growth, to fostering personal well-being and creativity. This guide's USP may lie in its dual focus on personal and professional development, offering a holistic approach rarely found in traditional business or self-help books. It emphasizes the interconnectedness of personal well-being and professional success, providing readers with a unique toolkit designed for the modern landscape of work and life. An introduction to "GRASPED Pathways to Excellence" might set the stage

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for a transformative journey, highlighting the book's commitment to fostering growth, innovation, and balance. It could invite readers to explore new dimensions of success, promising not just strategies but a new perspective on excellence. A complete overview of quantum mechanics, covering essential concepts and results, theoretical foundations, and applications. This undergraduate textbook offers a comprehensive overview of quantum mechanics, beginning with essential concepts and results, proceeding through the theoretical foundations that provide the field's conceptual framework, and concluding

with the tools and applications students will need for advanced studies and for research.

Drawn from lectures created for MIT undergraduates and for the popular MITx online course, "Mastering Quantum Mechanics," the text presents the material in a modern and approachable manner while still including the traditional topics necessary for a well-rounded understanding of the subject. As the book progresses, the treatment gradually increases in difficulty, matching students' increasingly sophisticated understanding of the material.

- Part 1 covers states and probability amplitudes, the Schrödinger equation, energy

eigenstates of particles in potentials, the hydrogen atom, and spin one-half particles • Part 2 covers mathematical tools, the pictures of quantum mechanics and the axioms of quantum mechanics, entanglement and tensor products, angular momentum, and identical particles. • Part 3 introduces tools and techniques that help students master the theoretical concepts with a focus on approximation methods. • 236 exercises and 286 end-of-chapter problems • 248 figures A groundbreaking text on how to deliver the highest quality patient care through professionalism in daily medical practice Five Star Doody's Review: "This is an

outstanding book for all clinicians and professors, indeed for everyone in medicine to help mentor and self-police the medical profession." "Understanding Medical Professionalism is a 'must-have' for all involved in the healing arts. The book demystifies professionalism, bringing it from a philosophical, mystical concept to a practical everyday set of behaviors. The twelve chapters, in a uniform way, provide wonderful, real-life stories that illustrate the challenges faced by practitioners, describe ways to deal with those challenges, and help develop the personal and institutional skills necessary to provide excellent

and compassionate care." -- Carlos A. Pellegrini, MD, FACS, FRCSI (Hon.), The Henry N. Harkins Professor and Chair, Department of Surgery, University of Washington "Insightful, practical, and authoritative. Building on their own research and that of others, Levinson et al. offer a comprehensive discussion of medical professionalism from the refreshing perspective of behavioral skills and an enabling healthcare system. Understanding Medical Professionalism has fundamentally reframed the professionalism debate and will likely remain the definitive work in this field for quite some time." -- David G. Nichols,

MD, President and CEO, The American Board of Pediatrics "The authors' ambitious goal of providing a framework for the continuum of physician development of professional behaviors, from student through expert senior clinician, has been met. Students will find the text modular and instructive; residents will benefit from the reinforcement of positive professional behaviors and explication of strategies to excel in this competency; educational program directors will find the framework and tools for assessment and strategies for remediation enriching; and the expert professional will find subtle opportunities to grow to

mastership of this most important physician competency." -- Thomas J. Nasca, MD, MACP, Chief Executive Officer, Accreditation Council for Graduate Medical Education, Professor of Medicine, Jefferson Medical College "The authors offer a framework and an approach to medical professionalism that enable us to understand it, teach it, and incorporate it into our day-to-day lives as health professionals. It is a much needed addition to our armamentarium as we work to align the education of health professionals with the needs and expectations of the society we serve." -- George E.

Thibault, MD, President, Josiah Macy Jr. Foundation Are you afraid to hit publish? Content marketing is how marketing happens today. You know you want to use it, but you're unsure about where to start. You may not feel confident about your writing abilities, either. Master Content Marketing is a step-by-step guide through the content marketing process. Pamela Wilson's 30 years of marketing experience infuse the guidance in the book. "Scores of people profess to be content marketing experts. Who can you trust? You can trust Pamela Wilson." The overall goal of this Assessment Technologies Institute, LLC

(ATI) Content Mastery Series module is to provide nursing students with an additional resource for the focused review of "Fundamentals for nursing" content relevant to NCLEX preparation and entry level nursing practice. Study Guide and Reinforcement Worksheets allow for differentiated instruction through a wide range of question formats. There are worksheets and study tools for each section of the text that help teachers track students' progress toward understanding concepts. Guided Reading Activities help students identify and comprehend the important information in each chapter. From the bestselling author of

The 48 Laws of Power and The Laws of Human Nature, a vital work revealing that the secret to mastery is already within you. Each one of us has within us the potential to be a Master. Learn the secrets of the field you have chosen, submit to a rigorous apprenticeship, absorb the hidden knowledge possessed by those with years of experience, surge past competitors to surpass them in brilliance, and explode established patterns from within. Study the behaviors of Albert Einstein, Charles Darwin, Leonardo da Vinci and the nine contemporary Masters interviewed for this book. The bestseller author of The 48 Laws of Power, The Art of

Seduction, and The 33 Strategies of War, Robert Greene has spent a lifetime studying the laws of power. Now, he shares the secret path to greatness. With this seminal text as a guide, readers will learn how to unlock the passion within and become masters. A new edition of the bestselling classic - published with a special introduction to mark its 10th anniversary This pioneering account sets out to understand the structure of the human brain - the place where mind meets matter. Until recently, the left hemisphere of our brain has been seen as the 'rational' side, the superior partner to the right. But is this distinction true? Drawing on a

vast body of experimental research, Iain McGilchrist argues while our left brain makes for a wonderful servant, it is a very poor master. As he shows, it is the right side which is the more reliable and insightful. Without it, our world would be mechanistic - stripped of depth, colour and value. In their struggle to identify successful solutions for their schools, teachers, administrators, board members, and parents must wade through reams of educational rhetoric and sales hype. This resource is designed to serve a broad audience of practicing teachers, preservice teachers, administrators, resource teachers, college

professors, parents, and others who would like to stay abreast of new education programs and innovations. It objectively explains how each program, practice, and philosophy is supported by research and how it really works in schools. It provides straightforward definitions and concisely illustrates the practical applications and supporting research for approximately 125 educational innovations. Entries include feedback from award-winning teachers, giving educators an unbiased view of real-world effectiveness. Some highlights are as follows: (1) the exploration of more than 60 innovative practices, including assertive discipline, computer-

assisted instruction, conflict resolution, distance learning, and the Socratic method; (2) an examination of results-oriented programs, including emergent literacy, Jumpstart, and Touch Point Math; (3) detailed discussion of policies regarding immersion and inclusion, standardized testing, and summer school; and (4) comprehensive coverage of movement, concepts, and theories, including brain-based learning, mainstreaming, multicultural education, and school vouchers. (Contains 135 references.) (RT) Ethereum represents the gateway to a worldwide, decentralized computing paradigm. This platform enables you to run

decentralized applications (DApps) and smart contracts that have no central points of failure or control, integrate with a payment network, and operate on an open blockchain. With this practical guide, Andreas M. Antonopoulos and Gavin Wood provide everything you need to know about building smart contracts and DApps on Ethereum and other virtual-machine blockchains. Discover why IBM, Microsoft, NASDAQ, and hundreds of other organizations are experimenting with Ethereum. This essential guide shows you how to develop the skills necessary to be an innovator in this growing and exciting new industry. Run an Ethereum

client, create and transmit
basic transactions, and
program smart contracts Learn
the essentials of public key
cryptography, hashes, and
digital signatures Understand
how "wallets" hold digital keys

that control funds and smart
contracts Interact with
Ethereum clients
programmatically using
JavaScript libraries and Remote
Procedure Call interfaces
Learn security best practices,
design patterns, and anti-

patterns with real-world
examples Create tokens that
represent assets, shares, votes,
or access control rights Build
decentralized applications
using multiple peer-to-peer
(P2P) components