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[Oxford GCSE Maths](#) Hachette UK

[Cavitation and Bubble Dynamics](#) deals with fundamental physical processes of bubble dynamics and cavitation for graduate students and researchers.

[Clinical Practice Guidelines For Chronic Kidney Disease](#) McGraw-Hill Science, Engineering & Mathematics

[Complex Variables and Applications](#) McGraw-Hill Education

[Partial Differential Equations](#) CRC Press

[Manhattan Prep's 5 lb. Book of GRE Practice Problems](#) is an essential resource for students of any level who are preparing for the GRE revised General Exam.

Recently updated to more closely reflect the nuances of the GRE exam, this book offers more than 1,800 questions across 33 chapters and online to provide students with comprehensive practice. Developed by our expert instructors, the problems in this book are sensibly grouped into practice sets and mirror those found on the GRE in content, form, and style. Students can build fundamental skills in math and verbal through targeted practice while easy-to-follow explanations and step-by-step applications help cement their understanding of the concepts tested on the GRE. In addition, students can take their practice to the next level with online question banks that provide realistic, computer-based practice to better simulate the GRE test-taking experience. Purchase of this book includes access to an online video introduction, online banks of GRE practice problems, and the GRE Challenge Problem Archive.

[Troop Density in Contingency Operations](#) Lulu.com

A student-friendly and engaging resource for the 2016 Edexcel GCSE Geography B specification, this brand new course is written to match the demands of the specification. As well as providing thorough and rigorous coverage of the spec, this book is designed to engage students in their learning and to motivate them to progress.

[Managing Risk and Information Security](#) Apress

This practical coursebook introduces all the basics of semantics in a simple, step-by-step fashion. Each unit includes short sections of explanation with examples, followed by stimulating practice exercises to complete in the book. Feedback and comment sections follow each exercise to enable students to monitor their progress. No previous background in semantics is assumed, as students begin by discovering the value and fascination of the subject and then move through all key topics in the field, including sense and reference, simple logic, word meaning and interpersonal meaning. New study guides and exercises have been added to the end of each unit to help reinforce and test learning. A completely new unit on non-literal language and metaphor, plus updates throughout the text significantly expand the scope of the original edition to bring it up-to-date with modern teaching of semantics for introductory courses in linguistics as well as intermediate students.

[The Economist](#) Pearson

Join the Cryptokids as they apply basic mathematics to make and break secret codes. This book has many hands-on activities that have been tested in both classrooms and informal settings. Classic coding methods are discussed, such as Caesar, substitution, Vigen è re, and multiplicative ciphers as well as the modern RSA. Math topics covered include: - Addition and Subtraction with, negative numbers, decimals, and percentages - Factorization - Modular Arithmetic - Exponentiation - Prime Numbers - Frequency Analysis. The accompanying workbook, [The Cryptoclub Workbook: Using Mathematics to Make and Break Secret Codes](#) provides students with problems related to each section to help them master the concepts introduced throughout the book. A PDF version of the workbook is available at no charge on the download tab, a printed workbook is available for \$19.95 (K00701). The teacher manual can be requested from the publisher by contacting the Academic Sales Manager, Susie Carlisle

[A Weekly Record of Pharmacy and Allied Sciences](#) Cambridge University Press

[Principles of Applied Mathematics](#) provides a comprehensive look at how classical methods are used in many fields and contexts. Updated to reflect developments of the last twenty years, it shows how two areas of classical applied mathematics spectral theory of operators and asymptotic analysis are useful for solving a wide range of applied science problems. Topics such as asymptotic expansions, inverse scattering theory, and perturbation methods are combined in a unified way with classical theory of linear operators. Several new topics, including wavelength analysis, multigrid methods, and homogenization theory, are blended into this mix to amplify this theme. This book is ideal as a survey course for graduate students in applied mathematics and theoretically oriented engineering and science students. This most recent edition, for the first time, now includes extensive corrections collated and collected by the author.

[GCSE Geography Edexcel B](#) Courier Dover Publications

An exciting textbook for students and teachers of the International Baccalaureate Diploma.

[Cavitation and Hydraulic Machinery](#), Proceedings of IAHR-Symposium, Sendai, Japan, 1962, September 3-5, 1962 Prentice Hall

This revision of Bloom's taxonomy is designed to help teachers understand and implement standards-based curriculums. Cognitive psychologists, curriculum specialists, teacher educators, and researchers have developed a two-dimensional framework, focusing on

knowledge and cognitive processes. In combination, these two define what students are expected to learn in school. It explores curriculums from three unique perspectives-cognitive psychologists (learning emphasis), curriculum specialists and teacher educators (C & I emphasis), and measurement and assessment experts (assessment emphasis). This revisited framework allows you to connect learning in all areas of curriculum. Educators, or others interested in educational psychology or educational methods for grades K-12. [Mathematics for the IB Diploma: Analysis and approaches HL](#) McGraw-Hill Education

[The Credential Society](#) is a classic on the role of higher education in American society and an essential text for understanding the reproduction of inequality. Controversial at the time, Randall Collins ' s claim that the expansion of American education has not increased social mobility, but rather created a cycle of credential inflation, has proven remarkably prescient. Collins shows how credential inflation stymies mass education ' s promises of upward mobility. An unacknowledged spiral of the rising production of credentials and job requirements was brought about by the expansion of high school and then undergraduate education, with consequences including grade inflation, rising educational costs, and misleading job promises dangled by for-profit schools. Collins examines medicine, law, and engineering to show the ways in which credentialing closed these high-status professions to new arrivals. In an era marked by the devaluation of high school diplomas, outcry about the value of expensive undergraduate degrees, and the proliferation of new professional degrees like the MBA, [The Credential Society](#) has more than stood the test of time. In a new preface, Collins discusses recent developments, debunks claims that credentialization is driven by technological change, and points to alternative pathways for the future of education.

[Fundamental Neuroscience](#) Cambridge University Press

[Introduction to concepts of category theory — categories, functors, natural transformations, the Yoneda lemma, limits and colimits, adjunctions, monads — revisits a broad range of mathematical examples from the categorical perspective.](#) 2016 edition.

[Educational Research](#) Springer Science & Business Media

[Managing Risk and Information Security: Protect to Enable](#), an ApressOpen title, describes the changing risk environment and why a fresh approach to information security is needed. Because almost every aspect of an enterprise is now dependent on technology, the focus of IT security must shift from locking down assets to enabling the business while managing and surviving risk. This compact book discusses business risk from a broader perspective, including privacy and regulatory considerations. It describes the increasing number of threats and vulnerabilities, but also offers strategies for developing solutions. These include discussions of how enterprises can take advantage of new and emerging technologies—such as social media and the huge proliferation of Internet-enabled devices—while minimizing risk. With ApressOpen, content is freely available through multiple online distribution channels and electronic formats with the goal of disseminating professionally edited and technically reviewed content to the worldwide community. Here are some of the responses from reviewers of this exceptional work: “ [Managing Risk and Information Security](#) is a perceptive, balanced, and often thought-provoking exploration of evolving information risk and security challenges within a business context. Harkins clearly connects the needed, but often-overlooked linkage and dialog between the business and technical worlds and offers actionable strategies. The book contains eye-opening security insights that are easily understood, even by the curious layman.” Fred Wettling, Bechtel Fellow, IS&T Ethics & Compliance Officer, Bechtel “ As disruptive technology innovations and escalating cyber threats continue to create enormous information security challenges, [Managing Risk and Information Security: Protect to Enable](#) provides a much-needed perspective. This book compels information security professionals to think differently about concepts of risk management in order to be more effective. The specific and practical guidance offers a fast-track formula for developing information security strategies which are lock-step with business priorities.” Laura Robinson, Principal, Robinson Insight Chair, Security for Business Innovation Council (SBIC) Program Director, Executive Security Action Forum (ESAF) “ The mandate of the information security function is being completely rewritten. Unfortunately most heads of security haven ' t picked up on the change, impeding their companies ' agility and ability to innovate. This book makes the case for why security needs to change, and shows how to get started. It will be regarded as marking the turning point in information security for years to come.” Dr. Jeremy Bergsman, Practice Manager, CEB “ The world we are responsible to protect is changing dramatically and at an accelerating pace. Technology is pervasive in virtually every aspect of our lives. Clouds, virtualization and mobile are redefining computing – and they are just the beginning of what is to come. Your security perimeter is defined by wherever your information and people happen to be. We are attacked by professional adversaries who are better funded than we will ever be. We in the information security profession must change as dramatically as the environment we protect. We need new skills and new strategies to do our jobs effectively. We literally need to change the way we think. Written by one of the best in the business, [Managing Risk and Information Security](#) challenges traditional security theory with clear

examples of the need for change. It also provides expert advice on how to dramatically increase the success of your security strategy and methods – from dealing with the misperception of risk to how to become a Z-shaped CISO. Managing Risk and Information Security is the ultimate treatise on how to deliver effective security to the world we live in for the next 10 years. It is absolute must reading for anyone in our profession – and should be on the desk of every CISO in the world.” Dave Cullinane, CISSP CEO Security Starfish, LLC “ In this overview, Malcolm Harkins delivers an insightful survey of the trends, threats, and tactics shaping information risk and security. From regulatory compliance to psychology to the changing threat context, this work provides a compelling introduction to an important topic and trains helpful attention on the effects of changing technology and management practices.” Dr Mariano-Florentino Cuéllar Professor, Stanford Law School Co-Director, Stanford Center for International Security and Cooperation (CISAC), Stanford University “ Malcolm Harkins gets it. In his new book Malcolm outlines the major forces changing the information security risk landscape from a big picture perspective, and then goes on to offer effective methods of managing that risk from a practitioner's viewpoint. The combination makes this book unique and a must read for anyone interested in IT risk.” Dennis Devlin AVP, Information Security and Compliance, The George Washington University “ Managing Risk and Information Security is the first-to-read, must-read book on information security for C-Suite executives. It is accessible, understandable and actionable. No sky-is-falling scare tactics, no techno-babble – just straight talk about a critically important subject. There is no better primer on the economics, ergonomics and psycho-behaviourals of security than this.” Thornton May, Futurist, Executive Director & Dean, IT Leadership Academy “ Managing Risk and Information Security is a wake-up call for information security executives and a ray of light for business leaders. It equips organizations with the knowledge required to transform their security programs from a “ culture of no ” to one focused on agility, value and competitiveness. Unlike other publications, Malcolm provides clear and immediately applicable solutions to optimally balance the frequently opposing needs of risk reduction and business growth. This book should be required reading for anyone currently serving in, or seeking to achieve, the role of Chief Information Security Officer.” Jamil Farshchi, Senior Business Leader of Strategic Planning and Initiatives, VISA “ For too many years, business and security – either real or imagined – were at odds. In Managing Risk and Information Security: Protect to Enable, you get what you expect – real life practical ways to break logjams, have security actually enable business, and marries security architecture and business architecture. Why this book? It's written by a practitioner, and not just any practitioner, one of the leading minds in Security today.” John Stewart, Chief Security Officer, Cisco “ This book is an invaluable guide to help security professionals address risk in new ways in this alarmingly fast changing environment. Packed with examples which makes it a pleasure to read, the book captures practical ways a forward thinking CISO can turn information security into a competitive advantage for their business. This book provides a new framework for managing risk in an entertaining and thought provoking way. This will change the way security professionals work with their business leaders, and help get products to market faster. The 6 irrefutable laws of information security should be on a stone plaque on the desk of every security professional.” Steven Proctor, VP, Audit & Risk Management, Flextronics

Protect to Enable Brooks/Cole Publishing Company

Complex Variables and Applications, 9e will serve, just as the earlier editions did, as a textbook for an introductory course in the theory and application of functions of a complex variable. This new edition preserves the basic content and style of the earlier editions. The text is designed to develop the theory that is prominent in applications of the subject. You will find a special emphasis given to the application of residues and conformal mappings. To accommodate the different calculus backgrounds of students, footnotes are given with references to other texts that contain proofs and discussions of the more delicate results in advanced calculus. Improvements in the text include extended explanations of theorems, greater detail in arguments, and the separation of topics into their own sections.

[An Introduction](#) Springer Science & Business Media

Co-published with UNESCO A product of the UNESCO-IHP project on Water and Cultural Diversity, this book represents an effort to examine the complex role water plays as a force in sustaining, maintaining, and threatening the viability of culturally diverse peoples. It is argued that water is a fundamental human need, a human right, and a core sustaining element in biodiversity and cultural diversity. The core concepts utilized in this book draw upon a larger trend in sustainability science, a recognition of the synergism and analytical potential in utilizing a coupled biological and social systems analysis, as the functioning viability of nature is both sustained and threatened by humans.

5 lb. Book of GRE Practice Problems Columbia University Press

Enable students to construct, communicate and justify correct mathematical arguments with a range of activities and examples of maths in the real world. - Engage and excite students with examples and photos of maths in the real world, plus inquisitive starter activities to encourage their problem-solving skills - Build mathematical thinking with our 'Toolkit' and mathematical exploration chapter, along with our new toolkit feature of questions, investigations and activities - Develop understanding with key concepts and applications integrated throughout, along with TOK links for every topic - Prepare your students for assessment with worked examples, and extended essay support - Check understanding with review exercise midway and at the end of the coursebook Follows the new 2019 IB Guide for Mathematics: analysis and approaches Higher Level

The United States Army and Navy Journal and Gazette of the Regular and Volunteer Forces Pearson Education (Us)

Mathematical demography is the centerpiece of quantitative social science. The founding works of this field from Roman times to the late Twentieth Century are collected here, in a new edition of a classic work by David R. Smith and Nathan Keyfitz. Commentaries by Smith and Keyfitz have been brought up to date and extended by Kenneth

Wachter and Hervé Le Bras, giving a synoptic picture of the leading achievements in formal population studies.

Like the original collection, this new edition constitutes an indispensable source for students and scientists alike, and illustrates the deep roots and continuing vitality of mathematical demography.

[The Cambridge Handbook of Computing Education Research](#) Cambridge University Press

This paper clearly shows the immediate relevancy of historical study to current events. One of the most common criticisms of the U.S. plan to invade Iraq in 2003 is that too few troops were used. The argument often fails to satisfy anyone for there is no standard against which to judge. A figure of 20 troops per 1000 of the local population is often mentioned as the standard, but as McGrath shows, that figure was arrived at with some questionable assumptions. By analyzing seven military operations from the last 100 years, he arrives at an average number of military forces per 1000 of the population that have been employed in what would generally be considered successful military campaigns. He also points out a variety of important factors affecting those numbers-from geography to local forces employed to supplement soldiers on the battlefield, to the use of contractors-among others.

Semantics Courier Dover Publications

This book has been specifically written for the new two-tier Edexcel linear GCSE specification for first examination in 2008 by the highly successful Framework Maths author team. The book is targeted at the B to A* grade range in the Higher tier GCSE, and it comprises units organised clearly into inspiring full-colour spreads.

Each unit offers: * Prior learning assessed at the start so students are fully prepared for the topic * Learning objectives identified so it is clear what students need to know * Clear explanations with examples showing the key techniques * Plenty of practice with clearly differentiated questions pitched at an appropriate level * Summaries and past Edexcel questions to help students gain responsibility for their learning It forms part of a series of four student books at GCSE, in which the other three books cater for grade ranges G to E, E to C and D to B.

Category Theory in Context CRC Press

A leader in Introduction to Educational Research courses, Educational Research: Competencies for Analysis and Applications, ninth edition, remains a practical text focused on the skills and procedures students need in order to become competent consumers and producers of educational research. The accessible writing style and light, humorous tone of this book helps to demystify and enliven this demanding course. The text uses a direct, step-by-step approach to the research process. Tasks are included throughout the text to guide students through the process of creating their own research report. Published research articles are now included in every research methods chapter to provide students with illustrations of exemplary qualitative and quantitative research. Key changes in the ninth edition include an expanded coverage of qualitative research through a new chapter on Case Study Research (Chapter 17), a new chapter on Survey Research (Chapter 7), an increased emphasis on ethical considerations in the conduct of educational research (Chapter 1), and significant updates to Descriptive Statistics (Chapter 12) and Inferential Statistics (Chapter 13) that increase the coverage of how to use technology in the research process."

[Foundation Gcse Maths](#) Little, Brown

Involved: Writing for College, Writing for Your Self helps students to understand their college experience as a way of advancing their own personal concerns and to draw substance from their reading and writing assignments. By enabling students to understand what it is they are being asked to write from basic to complex communications and how they can go about fulfilling those tasks meaningfully and successfully, this book helps students to develop themselves in all the ways the university offers. This edition of the book has been adapted from the print edition, published in 1997 by Houghton Mifflin. Copyrighted materials primarily images and examples within the text have been removed from this edition. --