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**Applied Strength of Materials for Engineering Technology** Barry Dupen 2018 This algebra-based text is designed specifically for Engineering Technology students, using both SI and US Customary units. All example problems are fully worked out with unit conversions. Unlike most textbooks, this one is updated each semester using student comments, with an average of 80 changes per edition.

**The Book of R** Tilman M. Davies 2016-07-16 The Book of R is a comprehensive, beginner-friendly guide to R, the world's most popular programming language for statistical analysis. Even if you have no programming experience and little more than a grounding in the basics of mathematics, you'll find everything you need to begin using R effectively for statistical analysis. You'll start with the basics, like how to handle data and write simple programs, before moving on to more advanced topics, like producing statistical summaries of your data and performing statistical tests and modeling. You'll even learn how to create impressive data visualizations with R's basic graphics tools and contributed packages, like ggplot2 and ggviz, as well as interactive 3D visualizations using the rgl package. Dozens of hands-on exercises (with downloadable solutions) take you from theory to practice, as you learn: –The fundamentals of programming in R, including how to write data frames, create functions, and use variables, statements, and loops –Statistical concepts like exploratory data analysis, probabilities, hypothesis tests, and regression modeling, and how to execute them in R –How to access R's thousands of functions, libraries, and data sets –How to draw valid and useful conclusions from your data –How to create publication-quality graphics of your results Combining detailed explanations with real-world examples and exercises, this book will provide you with a solid understanding of both statistics and the depth of R's functionality. Make The Book of R your doorway into the growing world of data analysis.

**Acing the New SAT Math** Thomas Hyun 2016-05-01 SAT MATH TEST BOOK  
**Good and Cheap** Leanne Brown 2015-07-14 A perfect and irresistible idea: A cookbook filled with delicious, healthful recipes created for everyone on a tight budget. While studying food policy as a master's candidate at NYU, Leanne Brown asked a simple yet critical question: How well can a person eat on the \$4 a day given by SNAP, the U.S. government's Supplemental Nutrition Assistance Program informally known as food stamps? The answer is surprisingly well: Broiled Tilapia with Lime, Spicy Pulled Pork, Green Chile and Cheddar Quesadillas, Vegetable Jambalaya, Beet and Chickpea Salad—even desserts like Coconut Chocolate Cookies and Peach Coffee Cake. In addition to creating nutritious recipes that maximize every ingredient and use economical cooking methods, Ms. Brown gives tips on shopping; on creating pantry basics; on mastering certain staples—pizza dough, flour tortillas—and saucy extras that make everything taste better, like spice oil and tzatziki; and how to make fundamentally smart, healthful food choices. The idea for Good and Cheap is already proving itself. The author launched a Kickstarter campaign to self-publish and fund the buy one/give one model. Hundreds of thousands of viewers watched her video and donated \$145,000, and national media are paying attention. Even high-profile chefs and food writers have taken note—like Mark Bittman, who retweeted the link to the campaign; Francis Lam, who called it “Terrific!”; and Michael Pollan, who cited it as a “cool kickstarter.” In the same way that TOMS turned inexpensive, stylish shoes into a larger do-good movement, Good and Cheap is poised to become a cookbook that every food lover with a conscience will embrace.

**Janeway's Immunobiology** Kenneth Murphy 2010-06-22 The Janeway's Immunobiology CD-ROM, Immunobiology Interactive, is included with each book, and can be purchased separately. It contains animations and videos with voiceover narration, as well as the figures from the text for presentation purposes.

**Blackpink** Adrian Besley 2019-12-05 A comprehensive guide to the K-pop girl group who are taking the music world by storm. The sassiest, most stylish girls around - BLACKPINK! 'Blackpink in Your Area!' The K-pop girl group are taking their catchphrase literally; they have just finished a sell-out stadium world tour. Jisoo, Jennie, Rosé and Lisa, all beautiful and supremely talented women in their early 20s, are the hottest thing in pop right now - and they only have a dozen songs! If Blackpink were ever a secret, the secret was out by April 2019, when they headlined Coachella, and their fandom - known as Blinks - suddenly included Ariana Grande and Harry Styles. They are the first female K-pop group to have had four #1 singles on Billboard's World Digital chart, and their single 'Ddu-Du Ddu-Du' became the most viewed music video by a K-pop group on YouTube - take that, BTS! This book is the perfect unofficial guide to Blackpink. It relates their days as trainees, their debut, their hits and success in the US, examines the personalities of each of the members and details their choreography, fashion and style triumphs and reveals why they are 'the only gang to run the game in high heels'.

**Electrochemical Methods: Fundamentals and Applications, 2nd Edition** Allen J. Bard 2000-12-04 A broad and comprehensive survey of the fundamentals for electrochemical methods now in widespread use. This book is meant as a textbook, and can also be used for self-study as well as for courses at the senior undergraduate and beginning graduate levels. Knowledge of physical chemistry is assumed, but the discussions start at an elementary level and develop upward. This revision comes twenty years after publication of the first edition, and provides valuable new and updated coverage.

**Elements of User Experience**,The Jesse James Garrett 2010-12-16 From the moment it was published almost ten years ago, Elements of User Experience became a vital reference for web and interaction designers the world over, and has come to define the core principles of the practice. Now, in this updated, expanded, and full-color new edition, Jesse James Garrett has refined his thinking about the Web, going beyond the desktop to include information that also applies to the sudden proliferation of mobile devices and applications. Successful interaction design requires more than just creating clean code and sharp graphics. You must also fulfill your strategic objectives while meeting the needs of your users. Even the best content and the most sophisticated technology won't help you balance those goals without a cohesive, consistent user experience to support it. With so many issues involved—usability, brand identity, information architecture, interaction design—creating the user experience can be overwhelmingly complex. This new edition of The Elements of User Experience cuts through that complexity with clear explanations and vivid illustrations that focus on ideas rather than tools or techniques. Garrett gives readers the big picture of user experience development, from strategy and requirements to information architecture and visual design.

**March's Advanced Organic Chemistry** Michael B. Smith 2007-01-29

**Edible Insects** Arnold van Huis 2013 Edible insects have always been a part of human diets, but in some societies there remains a degree of disdain and disgust for their consumption. Insects offer a significant opportunity to merge traditional knowledge and modern science to improve human food security worldwide. This publication describes the contribution of insects to food security and examines future prospects for raising insects at a commercial scale to improve food and feed production, diversify diets, and support livelihoods in both developing and developed countries. Edible insects are a promising alternative to the conventional production of meat, either for direct human consumption or for indirect use as feedstock. This publication will boost awareness of the many valuable roles that insects play in sustaining nature and human life, and it will stimulate debate on the expansion of the use of insects as food and feed.

**Love in the Time of Cholera (Illustrated Edition)** Gabriel García Márquez 2020 Set on the Caribbean coast of South America, this love story brings together Fermina Daza, her distinguished husband, and a man who has secretly loved her for more than fifty years.

**Why There's Antifreeze in Your Toothpaste** Simon Quellen Field 2007-11 A Selection of the Scientific American Book ClubExplaining why antifreeze is a component of toothpaste and how salt works in shampoo, this fascinating handbook delves into the chemistry of everyday household products. Decoding more than 150 cryptic ingredients, the guide explains each component's structural formula, offers synonymous names, and describes its common uses. This informative resource can serve curious readers as a basic primer to commercial chemistry or as an indexed reference for specific compounds found on a product label. Grouped according to type, these chemical descriptions will dissolve common misunderstandings and help make consumers more product savvy.

**The Timechart of Jewish Civilization** 2010-06-01 A 34-page booklet and a 12-foot illustrated accordion fold pull-out section make up this thorough, and thoroughly entertaining book. This oversized hardcover book makes a beautiful, unique gift, or an informative and valuable addition to any library. The book consists of three parts. First, the timechart, an accordion-fold diagram, which may be viewed as double-page spreads, as in a conventional book, or unfolded to display as one eleven-foot-long strip. This diagram shows the principal landmarks of Jewish history from the very beginning to the present day. Secondly, on the reverse side of the diagram, readers will find articles on special aspects of Judaism, its history, background, and customs. Thirdly, at the back of the book is an illustrated series of chapters enlarging upon specific stages and certain aspects of Jewish history.

**The Art of R Programming** Norman Matloff 2011-10-11 R is the world's most popular language for developing statistical software: Archaeologists use it to track the spread of ancient civilizations, drug companies use it to discover which medications are safe and effective, and actuaries use it to assess financial risks and keep economies running smoothly. The Art of R Programming takes you on a guided tour of software development with R, from basic types and data structures to advanced topics like closures, recursion, and anonymous functions. No statistical knowledge is required, and your programming skills can range from hobbyist to pro. Along the way, you'll learn about functional and object-oriented programming, running mathematical simulations, and rearranging complex data into simpler, more useful formats. You'll also learn to: –Create artful graphs to visualize complex data sets and functions –Write more efficient code using parallel R and vectorization –Interface R with C/C++ and Python for increased speed or functionality –Find new R packages for text analysis, image manipulation, and more –Squash annoying bugs with advanced debugging techniques Whether you're designing aircraft, forecasting the weather, or you just need to tame your data, The Art of R Programming is your guide to harnessing the power of statistical computing.

**Designing Clinical Research** Stephen B. Hulley 2011-11-30 Designing Clinical Research sets the standard for providing a practical guide to planning, tabulating, formulating, and implementing clinical research, with an easy-to-read, uncomplicated presentation. This edition incorporates current research methodology—including molecular and genetic clinical research—and offers an updated syllabus for conducting a clinical research workshop. Emphasis is on common sense as the main ingredient of good science. The book explains how to choose well-focused research questions and details the steps through all the elements of study design, data collection, quality assurance, and basic grant-writing. All chapters have been thoroughly revised, updated, and made more user-friendly.

**The Future of the Public's Health in the 21st Century** Institute of Medicine 2003-02-01 The anthrax incidents following the 9/11 terrorist attacks put the spotlight on the nation's public health agencies, placing it under an unprecedented scrutiny that added new dimensions to the complex issues considered in this report. The Future of the Public's Health in the 21st Century reaffirms the vision of Healthy People 2010, and outlines a systems approach to assuring the nation's health in practice, research, and policy. This approach focuses on joining the unique resources and perspectives of diverse sectors and entities and challenges these groups to work in a concerted, strategic way to promote and protect the public's health. Focusing on diverse partnerships as the framework for public health, the book discusses: The need for a shift from an individual to a population-based approach in practice, research, policy, and community engagement. The status of the governmental public health infrastructure and what needs to be improved, including its interface with the health care delivery system. The roles nongovernment actors, such as academia, business, local communities and the media can play in creating a healthy nation. Providing an accessible analysis, this book will be important to public health policy-makers and practitioners, business and community leaders, health advocates, educators and journalists.

**J & P Transformer Book** Martin Heathcote 2011-04-01 Maintaining appropriate power systems and equipment expertise is necessary for a utility to support the reliability, availability, and quality of service goals demanded by energy consumers now and into the future. However, transformer talent is at a premium today, and all aspects of the power industry are suffering a diminishing of the supply of knowledgeable and experienced engineers. Now in print for over 80 years since initial publication in 1925 by Johnson & Phillips Ltd, the J & P Transformer Book continues to withstand the test of time as a key body of reference material for students, teachers, and all whose careers are involved in the engineering processes associated with power delivery, and particularly with transformer design, manufacture, testing, procurement, application, operation, maintenance, condition assessment and life extension. Current experience and knowledge have been brought into this thirteenth edition with discussions on moisture equilibrium in the insulation system, vegetable based natural ester insulating fluids, industry concerns with corrosive sulphur in oil, geomagnetic induced current (GIC) impacts, transportation issues, new emphasis on measurement of load related noise, and enhanced treatment of dielectric testing (including Frequency Response Analysis), Dissolved Gas analysis (DGA) techniques and tools, vacuum LTCs, shunt and series reactors, and HVDC converter transformers. These changes in the thirteenth edition together with updates of IEC reference Standards documentation and inclusion for the first time of IEEE reference Standards, provide recognition that the transformer industry and market is truly global in scale. -- From the foreword by Donald J. Fallon Martin Heathcote is a consultant specializing in power transformers, primarily working for utilities. In this context he has established working relationships with transformer manufacturers on several continents. His background with Ferranti and the UK's Central Electricity Generating Board (CEGB) included transformer design and the management and maintenance of transformer-based systems. \* The definitive reference for all involved in designing, installing, monitoring and maintaining high-voltage systems using power transformers (electricity generation and distribution sector; large-scale industrial applications) \* The classic reference work on power transformers and their applications: first published in 1925, now brought fully up to date in this thirteenth edition \* A truly practical engineering approach to design, monitoring and maintenance of power transformers – in electricity generation,

substations, and industrial applications.

**Clinical Practice Guidelines For Chronic Kidney Disease**

**Ten Strategies of a World-Class Cybersecurity Operations Center** Carson Zimmerman 2014-07-01 Ten Strategies of a World-Class Cyber Security Operations Center conveys MITRE's accumulated expertise on enterprise-grade computer network defense. It covers ten key qualities of leading Cyber Security Operations Centers (CSOCs), ranging from their structure and organization, to processes that best enable smooth operations, to approaches that extract maximum value from key CSOC technology investments. This book offers perspective and context for key decision points in structuring a CSOC, such as what capabilities to offer, how to architect large-scale data collection and analysis, and how to prepare the CSOC team for agile, threat-based response. If you manage, work in, or are standing up a CSOC, this book is for you. It is also available on MITRE's website, [www.mitre.org](http://www.mitre.org).

**Chronicle of a Death Foretold** Gabriel García Márquez 2014-10-15 AVAILABLE FOR THE FIRST TIME IN eBook! A man returns to the town where a baffling murder took place 27 years earlier, determined to get to the bottom of the story. Just hours after marrying the beautiful Angela Vicario, everyone agrees, Bayardo San Roman returned his bride in disgrace to her parents. Her distraught family forced her to name her first lover; and her twin brothers announced their intention to murder Santiago Nasar for dishonoring their sister. Yet if everyone knew the murder was going to happen, why did no one intervene to stop it? The more that is learned, the less is understood, and as the story races to its inexplicable conclusion, an entire society—not just a pair of murderers—is put on trial. Gabriel García Márquez was born in Colombia in 1927. He was awarded the Nobel Prize in Literature in 1982. He is the author of many works of fiction and nonfiction, including One Hundred Years of Solitude, Love In The Time Cholera, The Autumn Of The Patriarch, The General In His Labyrinth, and News Of A Kidnapping. He died in 2014.

**Stolen Legacy** George G. M. James 2013-04-08 For centuries the world has been misled about the original source of the Arts and Sciences; for centuries Socrates, Plato and Aristotle have been falsely idolized as models of intellectual greatness; and for centuries the African continent has been called the Dark Continent, because Europe coveted the honor of transmitting to the world, the Arts and Sciences. It is indeed surprising how, for centuries, the Greeks have been praised by the Western World for intellectual accomplishments which belong without a doubt to the Egyptians or the peoples of North Africa.

**Text Book of Microbiology** 2010 Preface INTRODUCTION HISTORY OF MICROBIOLOGY EVOLUTION OF MICROORGANISM CLASSIFICATION OF MICROORGANISM NOMENCLATURE AND BERGEY'S MANUAL BACTERIA VIRUSES BACTERIAL VIRUSES PLANT VIRUSES THE ANIMAL VIRUSES ARCHAEA MYCOPLASMA PHYTOPLASMA GENERAL ACCOUNT OF CYANOBACTERIA GRAM -ve BACTERIA GRAM +ve BACTERIA EUKARYOTA APPENDIX-1 Prokaryotes Notable for their Environmental Significance APPENDIX-2 Medically Important Chemoorganotrophs APPENDIX-3 Terms Used to Describe Microorganisms According to Their Metabolic Capabilities QUESTIONS Short & Essay Type Questions; Multiple Choice Questions INDEX.

**The Westing Game** Ellen Raskin 2020 A Newbery Medal Winner For over thirty-five years, Ellen Raskin's Newbery Medal-winning The Westing Game has been an enduring favorite. This highly inventive mystery involves sixteen people who are invited to the reading of Samuel W. Westing's will. They could become millionaires—it all depends on how they play the tricky and dangerous Westing game, a game involving blizzards, burglaries, and bombings Ellen Raskin has created a remarkable cast of characters in a puzzle-knotted, word-twisting plot filled with humor, intrigue, and suspense. Winner of the Newbery Medal Winner of the Boston Globe/Horn Book Award An ALA Notable Book A School Library Journal One Hundred Books That Shaped the Century "A supershard mystery...confoundingly clever, and very funny." --Booklist, starred review "Great fun for those who enjoy illusion, word play, or sleight of hand." --The New York Times Book Review "A fascinating medley of word games, disguises, multiple aliases, and subterfuges--a demanding but rewarding book." --The Horn Book

**Future of Jobs** IntroBooks Team Times are changing and the labor markets are under immense burden from the collective effects of various megatrends. Technological growth and grander incorporation of economies along with global supply chains have been an advantage for several workers armed with high skills and in growing occupations. However, it is a challenge for workers with low or obsolete skills in diminishing zones of employment. Business models that are digitalized hire workers as self-employed instead of standard employees. People seem to be working and living longer, but they experience many job changes and the peril of skills desuetude. Inequalities in both quality of job and earnings have increased in several countries. The depth and pace of digital transformation will probably be shocking. Industrial robots have already stepped in and artificial intelligence is making its advance too. Globalization and technological change predict the great potential for additional developments in labor market performance. But people should be ready for change. A progression of creative annihilation is probably under way, where some chores are either offshored or given to robots. A better world of for jobs cannot be warranted – a lot will be contingent on devising the right policies and institutes in place.

**Billboard** 2011-07-02 In its 114th year, Billboard remains the world's premier weekly music publication and a diverse digital, events, brand, content and data licensing platform. Billboard publishes the most trusted charts and offers unrivaled reporting about the latest music, video, gaming, media, digital and mobile entertainment issues and trends.

**Math with Bad Drawings** Ben Orlin 2018-09-18 A hilarious reeducation in mathematics—full of joy, jokes, and stick figures—that sheds light on the countless practical and wonderful ways that math structures and shapes our world. In Math With Bad Drawings, Ben Orlin reveals to us what math actually is; its myriad uses, its strange symbols, and the wild leaps of logic and faith that define the usually impenetrable work of the mathematician. Truth and knowledge come in multiple forms: colorful drawings, encouraging jokes, and the stories and insights of an empathetic teacher who believes that math should belong to everyone. Orlin shows us how to think like a mathematician by teaching us a brand-new game of tic-tac-toe, how to understand an economic crisis by rolling a pair of dice, and the mathematical headache that ensues when attempting to build a spherical Death Star. Every discussion in the book is illustrated with Orlin's trademark "bad drawings," which convey his message and insights with perfect pitch and clarity. With 24 chapters covering topics from the electoral college to human genetics to the reasons not to trust statistics, Math with Bad Drawings is a life-changing book for the math-estranged and math-enamored alike.

**Machine Learning with R** Brett Lantz 2013-10-25 Written as a tutorial to explore and understand the power of R for machine learning. This practical guide that covers all of the need to know topics in a very systematic way. For each machine learning approach, each step in the process is detailed, from preparing the data for analysis to evaluating the results. These steps will build the knowledge you need to apply them to your own data science tasks. Intended for those who want to learn how to use R's machine learning capabilities and gain insight from your data. Perhaps you already know a bit about machine learning, but have never used R; or perhaps you know a little R but are new to machine learning. In either case, this book will get you up and running quickly. It would be helpful to have a bit of familiarity with basic programming concepts, but no prior experience is required.

**Chart No. 1** Nima 2010 Chart Number One is essential to correct and accurate use of nautical charts. More than a chart, it is a book that defines the symbols, abbreviations and terms used on charts. It also provides important information about buoys, light visibility (range) and aids to navigation. This new and improved edition from Paradise Cay is a complete and accurate high quality reproduction of information provided by NOAA and NIMA.

**Python Tutorial** Guido Rossum 2018-06-19 Python is an easy to learn, powerful programming language. It has efficient high-level data structures and a simple but effective approach to object-oriented programming. Python's elegant syntax and dynamic typing, together with its interpreted nature, make it an ideal language for scripting and rapid application development in many areas on most platforms. The Python interpreter and the extensive standard library are freely available in source or binary form for all major platforms from the Python Web site, <https://www.python.org/>, and may be freely distributed. The same site also contains distributions of and pointers to many free third party Python modules, programs and tools, and additional documentation. The Python interpreter is easily extended with new functions and data types implemented in C or C++ (or other languages callable from C). Python is also suitable as an extension language for customizable applications. This tutorial introduces the reader informally to the basic concepts and features of the python language and system. It helps to have a Python interpreter handy for hands-on experience, but all examples are self contained, so the tutorial can be read off-line as well. For a description of standard objects and modules, see library-index. reference-index gives a more formal definition of the language. To write extensions in C or C++, read extending-index and c-api-index. There are also several books covering Python in depth. This tutorial does not attempt to be comprehensive and cover every single feature, or even every commonly used feature. Instead, it introduces many of Python's most noteworthy features, and will give you a good idea of the language's flavor and style. After reading it, you will be able to read and write Python modules and programs, and you will be ready to learn more about the various Python library modules described in library-index. The Glossary is also worth going through.

**Cooking for Geeks** Jeff Potter 2010-07-20 Presents recipes ranging in difficulty with the science and technology-minded cook in mind, providing the science behind cooking, the physiology of taste, and the techniques of molecular gastronomy.

**All the Seas of the World** Guy Gavriel Kay 2022-05-17 Returning triumphantly to the brilliantly evoked near-Renaissance world of A Brightness Long Ago and Children of Earth and Sky, international bestselling author Guy Gavriel Kay deploys his signature 'quarter turn to the fantastic' to tell a story of vengeance, power, and love. On a dark night along a lonely stretch of coast a small ship sends two people ashore. Their purpose is assassination. They have been hired by two of the most dangerous men alive to alter the balance of power in the world. If they succeed, the consequences will affect the destinies of empires, and lives both great and small. One of those arriving at that beach is a woman abducted by corsairs as a child and sold into years of servitude. Having escaped, she is trying to chart her own course—and is bent upon revenge. Another is a seafaring merchant who still remembers being exiled as a child with his family from their home, for their faith, a moment that never leaves him. In what follows, through a story both intimate and epic, unforgettable characters are immersed in the fierce and deadly struggles that define their time. All the Seas of the World is a page-turning drama that also offers moving reflections on memory, fate, and the random events that can shape our lives—in the past, and today.

**A Manual for Writers of Research Papers, Theses, and Dissertations, Eighth Edition** Kate L. Turabian 2013-04-09 A little more than seventy-five years ago, Kate L. Turabian drafted a set of guidelines to help students understand how to write, cite, and formally submit research writing. Seven editions and more than nine million copies later, the name Turabian has become synonymous with best practices in research writing and style. Her Manual for Writers continues to be the gold standard for generations of college and graduate students in virtually all academic disciplines. Now in its eighth edition, A Manual for Writers of Research Papers, Theses, and Dissertations has been fully revised to meet the needs of today's writers and researchers. The Manual retains its familiar three-part structure, beginning with an overview of the steps in the research and writing process, including formulating questions, reading critically, building arguments, and revising drafts. Part II provides an overview of citation practices with detailed information on the two main scholarly citation styles (notes-bibliography and author-date), an array of source types with contemporary examples, and detailed guidance on citing online resources. The final section treats all matters of editorial style, with advice on punctuation, capitalization, spelling, abbreviations, table formatting, and the use of quotations. Style and citation recommendations have been revised throughout to reflect the sixteenth edition of The Chicago Manual of Style. With an appendix on paper format and submission that has been vetted by dissertation officials from across the country and a bibliography with the most up-to-date listing of critical resources available, A Manual for Writers remains the essential resource for students and their teachers.

**Report of the Presidential Commission on the Space Shuttle Challenger Accident** DIANE Publishing Company 1995-07 Reviews the circumstances surrounding the Challenger accident to establish the probable cause or causes of the accident. Develops recommendations for corrective or other action based upon the Commission's findings and determinations. Color photos, charts and tables.

**The Maritime Engineering Reference Book** Anthony F. Molland 2011-10-13 The Maritime Engineering Reference Book is a one-stop source for engineers involved in marine engineering and naval architecture. In this essential reference, Anthony F. Molland has brought together the work of a number of the world's leading writers in the field to create an inclusive volume for a wide audience of marine engineers, naval architects and those involved in marine operations, insurance and other related fields. Coverage ranges from the basics to more advanced topics in ship design, construction and operation. All the key areas are covered, including ship flotation and stability, ship structures, propulsion, seakeeping and maneuvering. The marine environment and maritime safety are explored as well as new technologies, such as computer aided ship design and remotely operated vehicles (ROVs). Facts, figures and data from world-leading experts makes this an invaluable ready-reference for those involved in the field of maritime engineering. Professor A.F. Molland, BSc, MSc, PhD, CEng, FRINA, is Emeritus Professor of Ship Design at the University of Southampton, UK. He has lectured ship design and operation for many years. He has carried out extensive research and published widely on ship design and various aspects of ship hydrodynamics. \* A comprehensive overview from best-selling authors including Bryan Barrass, Rawson and Tupper, and David Eyres \* Covers basic and advanced material on marine engineering and Naval Architecture topics \* Have key facts, figures and data to hand in one complete reference book

**Black Skin, White Masks** Frantz Fanon 2017-05-09 Black Skin, White Masks is a classic, devastating account of the dehumanizing effects of colonisation experienced by black subjects living in a white world. First published in English

in 1967, this book provides an unsurpassed study of the psychology of racism using scientific analysis and poetic grace. Franz Fanon identifies a devastating pathology at the heart of Western culture, a denial of difference, that persists to this day. A major influence on civil rights, anti-colonial, and black consciousness movements around the world, his writings speak to all who continue the struggle for political and cultural liberation. With an introduction by Paul Gilroy, author of *There Ain't No Black in the Union Jack*.

*Child Protective Services* Diane DePanfilis 2003 From the Preface: This manual, Child Protective Services: A Guide for Caseworkers, examines the roles and responsibilities of child protective services (CPS) workers, who are at the forefront of every community's child protection efforts. The manual describes the basic stages of the CPS process and the steps necessary to accomplish each stage: intake, initial assessment or investigation, family assessment, case planning, service provision, evaluation of family progress, and case closure. Best practices and critical issues in casework practice are underscored throughout. The primary audience for this manual includes CPS caseworkers, supervisors, and administrators. State and local CPS agency trainers may use the manual for preservice or inservice training of CPS caseworkers, while schools of social work may add it to class reading lists to orient students to the field of child protection. In addition, other professionals and concerned community members may consult the manual for a greater understanding of the child protection process. This manual builds on the information presented in A Coordinated Response to Child Abuse and Neglect: The Foundation for Practice. Readers are encouraged to begin with that manual as it addresses important information on which CPS practice is based-including definitions of child maltreatment, risk factors, consequences, and the Federal and State basis for intervention. Some manuals in the series also may be of interest in understanding the roles of other professional groups in responding to child abuse and neglect, including: Substance abuse treatment providers; Domestic violence victim advocates; Educators; Law enforcement personnel. Other manuals address special issues, such as building partnerships and working with the courts on CPS cases.

*An Introduction to Language and Linguistics* Ralph Fasold 2006-03-06 This accessible textbook is the only introduction to linguistics in which each chapter is written by an expert who teaches courses on that topic, ensuring balanced and uniformly excellent coverage of the full range of modern linguistics. Assuming no prior knowledge the text offers a clear introduction to the traditional topics of structural linguistics (theories of sound, form, meaning, and language change), and in addition provides full coverage of contextual linguistics, including separate chapters on discourse, dialect variation, language and culture, and the politics of language. There are also up-to-date separate chapters on language and the brain, computational linguistics, writing, child language acquisition, and second-language learning. The breadth of the textbook makes it ideal for introductory courses on language and linguistics offered by departments of English, sociology, anthropology, and communications, as well as by linguistics departments.

*College Algebra* Jay Abramson 2018-01-07 College Algebra provides a comprehensive exploration of algebraic principles and meets scope and sequence requirements for a typical introductory algebra course. The modular approach and richness of content ensure that the book meets the needs of a variety of courses. College Algebra offers a wealth of examples with detailed, conceptual explanations, building a strong foundation in the material before asking students to apply what they've learned. Coverage and Scope In determining the concepts, skills, and topics to cover, we engaged dozens of highly experienced instructors with a range of student audiences. The resulting scope and sequence proceeds logically while allowing for a significant amount of flexibility in instruction. Chapters 1 and 2 provide both a review and foundation for study of Functions that begins in Chapter 3. The authors recognize that while some institutions may find this material a prerequisite, other institutions have told us that they have a cohort that need the prerequisite skills built into the course. Chapter 1: Prerequisites Chapter 2: Equations and Inequalities Chapters 3-6: The Algebraic Functions Chapter 3: Functions Chapter 4: Linear Functions Chapter 5: Polynomial and Rational Functions Chapter 6: Exponential and Logarithm Functions Chapters 7-9: Further Study in College Algebra Chapter 7: Systems of Equations and Inequalities Chapter 8: Analytic Geometry Chapter 9: Sequences, Probability and Counting Theory *Signs and Symbols* Adrian Frutiger 1998 Discusses the elements of a sign, and looks at pictograms, alphabets, calligraphy, monograms, text type, numerical signs, symbols, and trademarks

*Diamonds* Renee Newman 2021-10 The beauty and sparkle and mystique of diamonds is unmatched by that of any other gem in the world. Since early times, diamonds have been treasured as good luck charms, remarkable tools and status symbols and have been worn, collected and presented as lavish gifts. Today, diamonds remain among the most sought-after gemstones and continue to hold their value through good times and bad. In *Diamonds*, author Renée Newman, a graduate gemologist and author of many trade-level handbooks on gemstones, invites the reader on a journey into the fascinating world of diamonds. This lavishly illustrated guide -- which features hundreds of photos, maps and diagrams -- covers everything from mining, cutting and evaluating diamonds to the romantic histories of some of the world's most valuable stones. *Diamonds* includes chapters on: What a diamond is -- its significance from antiquity to the present day and what it represents from different perspectives The process and history of mining diamonds -- the locations (both modern and historical) as well as the techniques used to mine diamonds The evolution of diamond cutting -- how a diamond is processed and what are the key cuts and shapes to know Diamond jewelry through the ages -- how diamonds have been used in jewelry from pre-Georgian times to today Evaluating and pricing diamonds -- how diamonds are priced based on their many value factors, such as color, carat weight, cut, clarity, and so on Man-made diamonds The remarkable benefits of diamonds. As beautiful as they are precious and as useful as they are decorative, diamonds continue to fascinate and allure. *Diamonds* will be a welcome guide for anyone who has felt the romance and power of these fascinating gems. It will also be a useful resource for professionals in the jewelry trade.