

## Books Are Basic 1st Edition Signed

Essential Bioinformatics is a concise yet comprehensive textbook of bioinformatics, which provides a broad introduction to the entire field. Written specifically for a life science audience, the basics of bioinformatics are explained, followed by discussions of the state-of-the-art computational tools available to solve biological research problems. All key areas of bioinformatics are covered including biological databases, sequence alignment, genes and promoter prediction, molecular phylogenetics, structural bioinformatics, genomics and proteomics. The book emphasizes how computational methods work and compares the strengths and weaknesses of different methods. This balanced yet easily accessible text will be invaluable to students who do not have sophisticated computational backgrounds. Technical details of computational algorithms are explained with a minimum use of mathematical formulae; graphical illustrations are used in their place to aid understanding. The effective synthesis of existing literature as well as in-depth and up-to-date coverage of all key topics in bioinformatics make this an ideal textbook for all bioinformatics courses taken by life science students and for researchers wishing to develop their knowledge of bioinformatics to facilitate their own research.

A developmental psychologist argues that children who are freed to follow their own interests through self-directed play will become better learners and achievers than the way they learn in modern school, which he says shows them that learning is work and not fun. 15,000 first printing.

This updated 3rd edition of Basic Immunology provides a readable and concise introduction to the workings of the human immune system, with emphasis on clinical relevance. The format makes learning easy with short, easy-to-read chapters, color tables, key point summaries, and review questions in every chapter. You'll get the latest coverage on regulatory T cells, biology of the Th17 subset of CD4+ T cells, and more. The full-color artwork, comprehensive glossary, and clinical cases are just some of the features that reinforce and test your understanding of how the immune system functions. Covers the most up-to-date immunology information including regulatory T cells, and biology of the Th17 subset of CD4+ T cells to keep you completely current. Relates basic science to clinical disorders through clinical cases for better application in a real-world setting. Provides a full Glossary to keep you on the cutting edge of immunologic terminology. Includes appendices summarizing the features of CD Molecules, a handy Glossary, and Clinical Cases that test your understanding of how the immune system functions in health and disease. Presents beautiful full-color artwork for enhanced visual learning.

The second edition of this best-selling Python book (over 500,000 copies sold!) uses Python 3 to teach even the technically uninclined how to write programs that do in minutes what would take hours to do by hand. There is no prior programming experience required and the book is loved by liberal arts majors and geeks alike. If you've ever

spent hours renaming files or updating hundreds of spreadsheet cells, you know how tedious tasks like these can be. But what if you could have your computer do them for you? In this fully revised second edition of the best-selling classic *Automate the Boring Stuff with Python*, you'll learn how to use Python to write programs that do in minutes what would take you hours to do by hand--no prior programming experience required. You'll learn the basics of Python and explore Python's rich library of modules for performing specific tasks, like scraping data off websites, reading PDF and Word documents, and automating clicking and typing tasks. The second edition of this international fan favorite includes a brand-new chapter on input validation, as well as tutorials on automating Gmail and Google Sheets, plus tips on automatically updating CSV files. You'll learn how to create programs that effortlessly perform useful feats of automation to:

- Search for text in a file or across multiple files
- Create, update, move, and rename files and folders
- Search the Web and download online content
- Update and format data in Excel spreadsheets of any size
- Split, merge, watermark, and encrypt PDFs
- Send email responses and text notifications
- Fill out online forms

Step-by-step instructions walk you through each program, and updated practice projects at the end of each chapter challenge you to improve those programs and use your newfound skills to automate similar tasks. Don't spend your time doing work a well-trained monkey could do. Even if you've never written a line of code, you can make your computer do the grunt work. Learn how in *Automate the Boring Stuff with Python, 2nd Edition*.

Clinical and Basic Neurogastroenterology and Motility

Psychology

A Basic Bibliography of Monographs on Artists, Second Edition

Pharmacology Made Simple - E-Book

Starting Strength

The Story of how Many Thousands of Men and Women Have Recovered from Alcoholism

This compact introduction is the ideal primer for anyone looking for an accessible overview of the basic principles of psychology, the fascinating science of mind and behavior. In everyday life we often ask why people act the way that they do, especially when we encounter or hear about puzzling behavior. *Psychology: The Basics* introduces everyday explanations of behavior, considering them through a psychological lens. Illustrating how behavior can be explained through fundamental psychological principles, the book covers the core areas of cognitive, developmental, and social psychology as well as behaviorism, the human brain, our emotions, personality and individual differences, and psychological disorders. This book, which includes further reading in each chapter for those wishing to study more deeply, is the perfect easy-to-understand introductory text for students, teachers, health personnel, human resource managers, administrators, and anyone interested in the human mind and behavior.

*Balance Dysfunction in Parkinson's Disease: Basic Mechanisms to Clinical Management* presents the most updated information on a variety of topics. Sections help clinicians evaluate the types of balance control issues, dynamic balance dysfunction during turning, and the effects of medication, deep brain stimulation, and rehabilitation intervention on balance control. This book is the first to review the four main postural control systems and how they are affected, including balance during quiet stance, reactive postural adjustments to external

perturbations, anticipatory postural adjustments in preparation for voluntary movements, and dynamic balance control during walking and turning. In addition, the book's authors summarize the effects of levodopa, deep brain stimulation, and rehabilitation intervention for each balance domain. This book is recommended for anyone interested in how and why balance control is affected by PD. Provides the first comprehensive review of research to date on balance dysfunctions in Parkinson's disease Discusses how to translate current neuroscience research into practice regarding neural control of balance Provides evidence on the effects of current interventions on balance control

This book contains around 80 articles on major writings in mathematics published between 1640 and 1940. All aspects of mathematics are covered: pure and applied, probability and statistics, foundations and philosophy. Sometimes two writings from the same period and the same subject are taken together. The biography of the author(s) is recorded, and the circumstances of the preparation of the writing are given. When the writing is of some lengths an analytical table of its contents is supplied. The contents of the writing is reviewed, and its impact described, at least for the immediate decades. Each article ends with a bibliography of primary and secondary items. First book of its kind Covers the period 1640-1940 of massive development in mathematics Describes many of the main writings of mathematics Articles written by specialists in their field

This book can be used as a learning aid for undergraduates (MBBS and BDS), postgraduates and for those who are preparing for competitive exams in almost all specialities (MD, DNB, MS, FRCS, MRCP, DM, Mch) Topics are updated according to the Medical Council of India, Competency Based Undergraduate Curriculum for the Indian Medical Graduate Presented in the form of bullets for better grasping Clinical Nuggets include interesting facts about the topic Kliniche Perlen towards the end of each chapter deals with the applied aspects Points to ponder section for a quick recap Brain teasers with solved MCQs for self-assessment Quick review of genetics according to new curriculum Schematic diagrams and clinical photographs for better visualization of concepts A note on recent advances to create a curiosity for the topics YouTube channel by the author--LIFE IN THE WOMB with detailed explanation about the topics

Import, Tidy, Transform, Visualize, and Model Data

Global Migration: The Basics

Clinical Art Therapy

A Comprehensive Guide

Automate the Boring Stuff with Python, 2nd Edition

First published in 1997. Routledge is an imprint of Taylor & Francis, an informa company.

Basic Statistics with R: Reaching Decisions with Data provides an understanding of the processes at work in using data for results. Sections cover data collection and discuss exploratory analyses, including visual graphs, numerical summaries, and relationships between variables - basic probability, and statistical inference - including hypothesis testing and confidence intervals. All topics are taught using real-data drawn from various fields, including economics, biology, political science and sports. Using this wide variety of motivating examples allows students to directly connect and make statistics essential to their field of interest, rather than seeing it as a separate and ancillary knowledge area. In addition to introducing students to statistical topics using real data, the book provides a gentle introduction to coding, having the students use the statistical language and software R. Students learn to load data, calculate summary statistics, create graphs and do statistical inference using R with either Windows or Macintosh machines. Features real-data to give students an engaging practice to connect with their areas of interest Evolves from basic problems that can be worked by hand to the elementary use of opensource R software Offers a direct, clear approach highlighted by useful visuals and examples

If it's arithmetic, geometry and basic engineering that your older kid wants to learn, then this is the quiz book to own. Question and answer game books are highly effective learning tools because they

encourage research as well as creative thinking. You throw questions and your child will try to find an answer. Get a copy now!

TRP Channels as Therapeutic Targets: From Basic Science to Clinical Use is authored by experts across academia and industry, providing readers with a complete picture of the therapeutic potential and challenges associated with using TRP channels as drug targets. This book offers a unique clinical approach by covering compounds that target TRP channels in pre-clinical and clinical phases, also offering a discussion of TRP channels as biomarkers. An entire section is devoted to the novel and innovative uses of these channels across a variety of diseases, offering strategies that can be used to overcome the adverse effects of first generation TRPV1 antagonists. Intended for all researchers and clinicians working toward the development of successful drugs targeting TRP channels, this book is an essential resource chocked full of the latest clinical data and findings. Contains comprehensive coverage of TRP channels as therapeutic targets, from emerging clinical indications to completed clinical trials Discusses TRP channels as validated targets, ranging from obesity and diabetes through cancer and respiratory disorders, kidney diseases, hypertension, neurodegenerative disorders, and more Provides critical analysis of the complications and side effects that have surfaced during clinical trials, offering evidence-based suggestions for overcoming them

Nucleation

The Biblio

Basic Multidimensional Gas Chromatography

The Lymphatic System in Colorectal Cancer

Handbook of Hormones

Catalog of Copyright Entries. Part 1. [A] Group 1. Books. New Series

***First published in 1987. Routledge is an imprint of Taylor & Francis, an informa company.***

***This book is an outstanding attempt to standardize bedside neonatal respiratory care by the most researched authentic experts in the world. This involves more than sixty authors from the United States, the United Kingdom, Canada, Australia, Spain, Italy, Germany, India, UAE, and China. The latest in the arena of neonatal ventilation which holds future promise has been incorporated in this book. The experts take you through a real-time progression of bedside ventilation practices, with the focus on pulmonary and neurological morbidity. The e-book has links to videos of critical chapters and lecture PPTs to give the intensivist a 360-degree understanding of the complexities of neonatal ventilation. First comprehensive bedside management book of a baby on assisted ventilation. Latest evidence-based practices on noninvasive ventilation with protocols. A bedside guide for neonatologists, fellows, residents, postgraduates, medical students, nurse practitioners, and respiratory therapists. Management of assisted ventilation including high-frequency ventilation and NAVA. Analysis and algorithmic approach to cardiac hemodynamics in respiratory distress. Protocolized approaches to critical respiratory diseases of the newborn. Ancillary services explained in detail like targeted ECHO, NIRS, and Graphics by experts. Videos and lecture presentations by experts on SLI, CPAP, SNIPPV, NAVA, ECHO, and Graphics.***

***Engineers and scientists alike will find this book to be an excellent***

***introduction to the topic of porous materials, in particular the three main groups of porous materials: porous metals, porous ceramics, and polymer foams. Beginning with a general introduction to porous materials, the next six chapters focus on the processing and applications of each of the three main materials groups. The book includes such new processes as gel-casting and freeze-drying for porous ceramics and self-propagating high temperature synthesis (SHS) for porous metals. The applications discussed are relevant to a wide number of fields and industries, including aerospace, energy, transportation, construction, electronics, biomedical and others. The book concludes with a chapter on characterization methods for some basic parameters of porous materials. Porous Materials: Processing and Applications is an excellent resource for academic and industrial researchers in porous materials, as well as for upper-level undergraduate and graduate students in materials science and engineering, physics, chemistry, mechanics, metallurgy, and related specialties. A comprehensive overview of processing and applications of porous materials – provides younger researchers, engineers and students with the best introduction to this class of materials Includes three full chapters on modern applications - one for each of the three main groups of porous materials Introduces readers to several characterization methods for porous materials, including methods for characterizing pore size, thermal conductivity, electrical resistivity and specific surface area Surgery for Medical Graduates is a concise yet comprehensive compilation of surgical diseases and their management. The book covers common surgical conditions in a crisp and condensed form that serves as a capsule for detailed coverage and revision. • Bulleted content to comprehensively cover theory in a short span of time. • Designed to make multiple revisions possible to retain more content. •Exam oriented coverage of surgical topics with inclusion of frequently asked Multiple Choice Questions. •Convenient division of the subject of surgery into concise chapters. •Written by widely acclaimed, awarded and credible authors.***

***Basic Statistics with R***

***Basic Mechanisms to Clinical Management***

***Balance Dysfunction in Parkinson's Disease***

***Essential Physics***

***Reaching Decisions with Data***

***Basic Urological Sciences***

Sight words are common words that appear again and again in your children's reading material. Knowing these words by sight is essential for reading fluency. Bob Books Sight Words - First Grade gradually adds more complexity as your beginning reader acquires 30 new sight words. It is a great companion book to Bob Books Sight Words - Kindergarten. Consistent short vowels in one syllable words of three, four or five letters, mean children can sound out (decode) the story. They learn three new sight words per book. While words and stories in Sight Words First Grade are slightly longer and more complex than Sight Words Kindergarten, they are still suitable for a beginning reader. Inside this eBook you'll find: - 10 easy-to-read,

hilarious small books, 12 pages each. - Slightly longer and more complex stories. - All stories told in one syllable, three-, four- and five-letter words, plus sight words. - Consistent short vowels mean easy decoding in the rest of the story. - Three new sight words introduced in each book. - Context clues and illustrations give sight word hints.

Learn how to use R to turn raw data into insight, knowledge, and understanding. This book introduces you to R, RStudio, and the tidyverse, a collection of R packages designed to work together to make data science fast, fluent, and fun. Suitable for readers with no previous programming experience, R for Data Science is designed to get you doing data science as quickly as possible. Authors Hadley Wickham and Garrett Grolemund guide you through the steps of importing, wrangling, exploring, and modeling your data and communicating the results. You ' ll get a complete, big-picture understanding of the data science cycle, along with basic tools you need to manage the details. Each section of the book is paired with exercises to help you practice what you ' ve learned along the way. You ' ll learn how to: Wrangle—transform your datasets into a form convenient for analysis Program—learn powerful R tools for solving data problems with greater clarity and ease Explore—examine your data, generate hypotheses, and quickly test them Model—provide a low-dimensional summary that captures true "signals" in your dataset Communicate—learn R Markdown for integrating prose, code, and results

Shafarevich's Basic Algebraic Geometry has been a classic and universally used introduction to the subject since its first appearance over 40 years ago. As the translator writes in a prefatory note, "For all [advanced undergraduate and beginning graduate] students, and for the many specialists in other branches of math who need a liberal education in algebraic geometry, Shafarevich ' s book is a must." The third edition, in addition to some minor corrections, now offers a new treatment of the Riemann--Roch theorem for curves, including a proof from first principles. Shafarevich's book is an attractive and accessible introduction to algebraic geometry, suitable for beginning students and nonspecialists, and the new edition is set to remain a popular introduction to the field.

From the author of the international bestseller *On Tyranny*, the definitive history of Hitler ' s and Stalin ' s politics of mass killing, explaining why Ukraine has been at the center of Western history for the last century. Americans call the Second World War " the Good War. " But before it even began, America ' s ally Stalin had killed millions of his own citizens—and kept killing them during and after the war. Before Hitler was defeated, he had murdered six million Jews and nearly as many other Europeans. At war ' s end, German and Soviet killing sites fell behind the Iron Curtain, leaving the history of mass killing in darkness. Assiduously researched, deeply humane, and utterly definitive, *Bloodlands* is a new kind of European history, presenting the mass murders committed by the Nazi and Stalinist regimes as two aspects of a single story. With a new afterword addressing the relevance of these events to the contemporary decline of democracy, *Bloodlands* is required reading for anyone seeking to understand the central tragedy of modern history and its meaning today.

*Why Unleashing the Instinct to Play Will Make Our Children Happier, More Self-reliant, and Better Students for Life*

*Europe Between Hitler and Stalin*

*The Basics*

*Landmark Writings in Western Mathematics 1640-1940*

*From Basic Science to Clinical Use*

*Basic Immunology Updated Edition E-Book*

This book is for anyone serious about learning or coaching the basic lifts.

A working knowledge of the basic sciences that underpin mechanisms of disease and the body's response is widely recognised to be a critical part of urological training. This book is aimed at trainees to ensure they are up to date with this breadth of knowledge and it provides succinct summaries which are ideal for revising the basic sciences component of final assessments and examinations. The chapters cover anatomy and physiology, the basic principles of immunology and oncology and particular diseases. It is a compendium of "need to know" facts and is aimed at both FRCS (Urol) candidates and a wider gloabl surgical audience

looking for an up to date summary.

First Published in 2005. Routledge is an imprint of Taylor & Francis, an informa company. Master the pharmacology essentials that health professionals need in practice! Pharmacology Made Simple: An Introduction for the Health Professions makes it easy to understand and apply pharmacology concepts in healthcare careers. Clear and concise, this text uses colorful illustrations, case scenarios, and memory devices to simplify learning and review questions to aid comprehension. An Evolve companion website includes animations of body systems, two practice exams for more self-testing, and printable drug tables. This exciting and practical new text helps you build professional skills and ensures your readiness for the workplace. Essential information is logically organized and easy to read, focusing on what you need to know. Engaging, reader-friendly format breaks down pharmacology into manageable chunks of information, accompanied by "flashcard" boxes and memory devices. Mini case studies in each chapter demonstrate real-world healthcare applications, with scenarios from a variety of health professions settings. Chapter review questions provide opportunities to assess your comprehension as you move forward. Full-color illustrations bring complex pharmacology concepts to life with realistic figures and drawings. Clinical Application and Alert features stress critical thinking and effective job preparation. Scenario and Alert features stress clinical application and safety. Focus on patient education helps you learn and practice key skills in professionalism. Chapter key terms and back-of-book glossary includes pharmacology terms cross-referenced to the chapters in which they are introduced and discussed. Additional learning resources include a study guide (available separately) and an Evolve companion website with animations, practice exams, and more. Chapter objectives guide your study by listing the chapter's most important concepts.

Comparative Endocrinology for Basic and Clinical Research

Alcoholics Anonymous

Practical Programming for Total Beginners

Encyclopedia of Basic Epilepsy Research

Free to Learn

Math for Kids First Edition | Arithmetic, Geometry and Basic Engineering Quiz Book for Kids |

Children's Questions & Answer Game Books

**Real Estate: The Basics provides an easy to read introduction to the core concepts of the industry to students new to the subject or professionals changing direction within the sector. The book encapsulates the key 'need to know' aspects of Real Estate including the 'language' of real estate; its value and contribution to countries' GDP; its primary purpose, whether as an asset or a resource; valuation concepts; asset classes; basic concepts of land law, and of landlord and tenant law; the increased role and importance of sustainability and technology; and an overview of the wide range of professionals involved in the industry. Readers will come to appreciate how the different elements of the profession fit together, and the professional standards and practices that may apply. Real Estate: The Basics will be helpful reading for anyone thinking about studying Real Estate, Property or other Built Environment topics. It could be used to teach across a wide variety of courses, to provide an aide memoire to those that are already working in the industry, and to give those who are responsible for appointing and**

monitoring real estate advisers a greater understanding of the workings of the real estate sector.

**Handbook of Hormones: Comparative Endocrinology for Basic and Clinical Research, Second Edition** presents a catalog of fundamental information on the structure and function of hormones from basic biology to clinical use, offering a rapid way to obtain specific facts about the chemical and molecular characteristics of hormones, their receptors, signaling pathways, and the biological activities they regulate. The book's stellar editorial board, affiliated with the Japan Society for Comparative Endocrinology, brings together authors that present a compelling structure of each hormone with a consistent presentation that provides a primer surrounding the plethora of hormones that now exist. Comparative endocrinology continues to rapidly expand and new information about hormones is being produced almost daily, making it important to stay up-to-date. Hormone, paracrine, and autocrine factors have been identified as key players in a range of different systems, including immune, musculoskeletal and cardiovascular. Frontiers between disciplines are being blurred and many scientists in fields other than endocrinology are interested in hormones. Scientists now have the unprecedented opportunity to look from invertebrates to vertebrate and identify novel regulatory factors and understand their function and how they determine an organism's physiology and survival. Presents hormones in groups according to their origin so that readers can easily understand their inter-relation Includes 47 new hormones, such as neuropeptides, cytokines, growth hormones, biogenic amines and amino acids that are important for cell to cell communication via endocrine, paracrine and neurotransmitter signaling Summarizes the current knowledge of hormone evolution based on comparative genome resources, such as synteny, genome sequence and comprehensive phylogeny Covers a wide range of information on hormones, from basic information on structure and function across vertebrate and invertebrate phyla to clinical applications Collates key information on 259 hormones and 47 groups/families

This volume presents the physiological and biochemical aspects of storage carbohydrates, or starch granules, in plants. This up-to-date and thorough resource carefully integrates fundamental knowledge with the most recent information on the starch granule. It discusses the chemistry of the starch granule and the biochemistry, molecular biology, plant physiology, and genetics of plant starch synthesis. The books also describes the implications of these studies for theseed, biotechnology, and modified starch industries. Written for a broad readership



Emphasizes the recent findings on the properties of starch biosynthetic enzymes and on studies describing their localization Details the implications these studies have on the seed, biotechnology, and modified starch industries Includes numerous references to the original literature Introduces the reader to the most important individuals and discoveries in the field

Pharmacology Made Simple - E-BookElsevier Health Sciences

Fastener Black Book

Bob Books Sight Words: First Grade

Essentials of Human Embryology, 1st Edition-E-Book

TRP Channels as Therapeutic Targets

Processing and Applications

Varieties in Projective Space

*Migration is a politically sensitive topic and an important aspect of contentious debates about social and cultural diversity, economic stability, terrorism, globalization, and nationalism. Global Migration: The Basics examines: history and geography of global migration the role of migrants in society impact of migrants on the economy and the political system policy challenges that need to be faced in confronting a rapidly changing world economy and society. This book challenges students of geography, political science, public policy, sociology, and economics to look beyond the rhetoric and consider the real and basic facts about migration. Through detailed examinations of the scholarly literature, demographic patterns, and public policy debates, Global Migration: The Basics exposes readers to the underlying causes and consequences of migration.*

*"This book covers the basic techniques of rockcraft. Starting with ropes and knots, it then covers other climbing gear: nuts, pitons, 'binners, bongs, etc. Belays are discussed in detail, then follows a most complete discussion of the various grips and holds. Excellent drawings by Sheridan Anderson illustrate each of these points and these are supplemented by many photos - all of which have been modeled by some of the outstanding climbers of Yosemite, all close friends of author Robbins. While this book is labeled "Basic Rockcraft," it carries the reader through all of the techniques needed for most high-angle climbs. While the student will be able to successfully climb many of the standard climbs, the cutoff point for "basic" is the threshold for leading of advanced ascents." --*

*Basic Multidimensional Gas Chromatography is aimed at the next generation of multidimensional gas chromatography users who will require basic training in the fundamentals of both GC and GCxGC. This book fills the current need for an inexpensive, straightforward guidebook to get new users started. It will help new users determine when to add or purchase a multidimensional system and teach them to optimize and maximize the capability of each system. Readers will also learn to select specific modes for each portion of a multidimensional analysis. This ideal resource is a concise, hard-hitting text that provides the facts needed to get users up and running. Provides a comprehensive and fundamental introduction to multidimensional gas chromatography Assists readers in determining when to add or purchase a multidimensional system Explains how a given system can be used to its maximum capacity and how users should choose specific modes for different portions of multidimensional analysis The basic text for Alcoholics Anonymous.*

Blues

Porous Materials

Functions and Disorders of the Immune System

Bloodlands

*Art Books*  
*Real Estate*

**As a truly translational area of biomedical investigation, epilepsy research spans an extraordinary breadth of subjects and involves virtually every tool that modern neuroscience has at its disposal. The Encyclopedia of Basic Epilepsy Research provides an up to date, comprehensive reference for all epilepsy researchers. With an expert list of authors, the encyclopedia covers the full spectrum of research activities from genes and molecules to animal models and human patients. The encyclopedia's electronic format also provides unparalleled access to frequent updates and additions, while the limited edition print version provides another option for owning this content. The Encyclopedia of Basic Epilepsy Research is an essential resource for researchers of all levels and clinicians who study epilepsy. The only comprehensive reference for basic research and current activities in epilepsy Electronic format provides fast and easy access to updates and additions, with limited print version available as well Contains over 85 articles, all written by experts in epilepsy research Clinical and Basic Neurogastroenterology and Motility is a state-of-the-art, lucidly written, generously illustrated, landmark publication that comprehensively addresses the underlying mechanisms and management of common adult and pediatric motility disorders. These problems affect 50% of the population and include conditions such as dysphagia, achalasia, gastroesophageal reflux disease, gastroparesis, irritable bowel syndrome (IBS), gas and bloating, SIBO, constipation and fecal incontinence. The book brings together international experts and clinician scientists, epitomizing their years of wisdom into a concise yet practical text that is delivered in two distinct sections, basic and clinical. It fulfills a large unmet need, and bridges a long-awaited knowledge gap among trainees, clinicians, scientists, nurses and technicians, earnestly engaged in this field. First of its kind text that covers both basic and clinical aspects, bridging the knowledge gap, and providing a bench to bedside approach for management of common disorders Discusses the latest concepts and basic principles of neurogastroenterology and motility, and how the gut and brain interact in the genesis of functional gastrointestinal and motility disorders Provides an illustrated and practical text on hot topics written by leading adult and pediatric gastroenterology experts across the globe Includes an accompanying more detailed web version of the text with free access to future podcasts Fluency with physics fundamentals and problem-solving has a collateral effect on students by enhancing their analytical reasoning skills. In a sense, physics is to intellectual pursuits what strength**

training is to sports. Designed for a two-semester algebra-based course, **Essential Physics** provides a thorough understanding of the fundamentals of physics central to many fields. It omits material often found in much larger texts that cannot be covered in a year-long course and is not needed for non-physics majors. Instead, this text focuses on providing a solid understanding of basic physics and physical principles. While not delving into the more specialized areas of the field, the text thoroughly covers mechanics, electricity and magnetism, light, and modern physics. This book is appropriate for a course in which the goals are to give the students a grasp of introductory physics and enhance their analytical problem-solving skills. Each topic includes worked examples. Math is introduced as necessary, with some applications in biology, chemistry, and safety science also provided. If exposure to more applications, special topics, and concepts is desired, this book can be used as a problem-solving supplement to a more inclusive text.

**FOREWORD BY GUY KAWASAKI** Presentation designer and internationally acclaimed communications expert Garr Reynolds, creator of the most popular Web site on presentation design and delivery on the Net — [presentationzen.com](http://presentationzen.com) — shares his experience in a provocative mix of illumination, inspiration, education, and guidance that will change the way you think about making presentations with PowerPoint or Keynote. Presentation Zen challenges the conventional wisdom of making "slide presentations" in today's world and encourages you to think differently and more creatively about the preparation, design, and delivery of your presentations. Garr shares lessons and perspectives that draw upon practical advice from the fields of communication and business. Combining solid principles of design with the tenets of Zen simplicity, this book will help you along the path to simpler, more effective presentations.

**Basic Concepts, Pathology, Imaging, and Treatment Perspectives**

**Basic Barbell Training**

**Simple Ideas on Presentation Design and Delivery**

**Starch: Basic Science to Biotechnology**

**R for Data Science**

**Surgery for Medical Graduates E-Book, 1st edition**

*This book represents a detailed and systematic account of the basic principles, developments and applications of the theory of nucleation. The formation of new phases begins with the process of nucleation and is, therefore, a widely spread phenomenon in both nature and technology. Condensation and evaporation, crystal growth, electrodeposition, melt crystallization, growth of thin films for microelectronics, volcano eruption and*

formation of particulate matter in space are only a few of the processes in which nucleation plays a prominent role. The book has four parts, which are devoted to the thermodynamics of nucleation, the kinetics of nucleation, the effect of various factors on nucleation and the application of the theory to other processes, which involve nucleation. The first two parts describe in detail the two basic approaches in nucleation theory - the thermodynamic and the kinetic ones. They contain derivations of the basic and most important formulae of the theory and discuss their limitations and possibilities for improvement. The third part deals with some of the factors that can affect nucleation and is a natural continuation of the first two chapters. The last part is devoted to the application of the theory to processes of practical importance such as melt crystallization and polymorphic transformation, crystal growth and growth of thin solid films, size distribution of droplets and crystallites in condensation and crystallization. The book is not just an account of the status quo in nucleation theory - throughout the book there are a number of new results as well as extensions and generalisations of existing ones.

*The Lymphatic System in Colorectal Cancer: Basic Concepts, Pathology, Imaging, and Treatment Perspectives* provides an in-depth overview on the role of the lymphatic system in the pathogenesis and treatment of colorectal cancer. This is the first book to provide a comprehensive, multidisciplinary approach to the lymphatic system in colorectal cancer, with topics ranging from cancer biology and mathematical modeling to surgical approaches and novel imaging techniques. This book is valuable for cancer researchers, oncologists and anyone interested in the biology and treatment of colorectal cancer. Bringing together internationally renowned experts, the book's chapters encompass relevant content to help readers understand complex subjects. Lymphatic spread is one of the hallmarks of locally advanced colorectal cancer that adversely affects prognosis. Nevertheless, the molecular pathogenesis, dynamics and prognostic significance of lymphatic spread remain poorly understood. At the same time, novel surgical approaches such as complete mesocolic excision and sentinel node identification are being introduced, but their value remains uncertain. Presents a multidisciplinary approach, allowing readers to identify relevant fields of collaboration and inspire novel research endeavors in the field Discusses novel imaging techniques such as near-infrared that is being introduced in clinical practice as a tool for identifying sentinel nodes and lymphatic pathways Brings together international experts who shed light on the most relevant aspects of lymphatic spread in cancer of the bowel,

*underlying mechanisms, and the best method to avoid or treat it*  
*Basic Algebraic Geometry 1*  
*Essentials of Neonatal Ventilation, 1st edition, E-book*  
*Basic Rockcraft*  
*Presentation Zen*  
*Essential Bioinformatics*