86mb Documents Principles Of Forensic Medicine By Apurba Nandy

Cloud ComputingPrinciples, Systems and ApplicationsSpringer Science & Business Media Toronto Notes for Medical Students is proud to present the 36th Edition of the highly successful Essential Med Notes textbook series. The 2020 edition features content updates across the main text, figures, graphics, and evidence-based medicine sections that are consistent with the most recent medical licensing exam objectives. Many landmark trials have been included to reflect the most current evidence across all medical specialties. The new division of Essential Med Notes into three textbooks - medicine, surgery, and primary medicine enhances readability and eases the load of studying for the Canadian and American medical licensing exams. We have also redesigned our website to more closely reflect the layout of the textbook and to enrich the learning experience. As a not-for-profit organization, all our proceeds from book sales have been donated to support medical student activities, charity events, and community outreach programs over the past years. Essential Med Notes 2020 Key Features: Updated content reflective of the newest USMLE® Step 2 objectives A concise textbook with in-depth coverage of 31 medical specialties divided into three books - medicine, surgery, and primary medicine. A convenient e-book available for purchase Up-to-date DSM-5 criteria and Evidence-Based Medicine highlights Our redesigned website features online resources, including a Color Atlas, ECGs Made Simple tutorial, Heart Sounds tutorial, Essentials of Medical Imaging, over 50 Practice OSCE stations, and much more! The Clinical Handbook highlights common clinical management scenarios and helpful tips on clerkship basics - the perfect size to carry on the wards, which has also been updated to be reflective of the latest evidence-based USMLE® objectives. The Clinical Handbook also contains Stat Notes, which is the ultimate guide to managing on-call issues, featuring a step-by-step approach for 30 common ward scenarios.

I have one simple rule: no sexual contact. Yeah, I'm a male escort, but that doesn't mean my body's for sale. I provide companionship to women who can afford it and understand my rule. It's simple really. I need to be in control, not my body. Someone already screwed me once when I lost control, and not in the good way. So, no sexual contact. Sure. I'll kiss them, and I'll even give them a little strip tease if they don't mind seeing the scars from my SEAL days, but nothing more. Damn. At least that's the way it's supposed to be. The way it was. Until her. Until Serena. The little socialite gets under my skin and is hot as sin. I was just supposed to be her arm candy for a few events, but I can't help it. I want more. I want her. And I want to break my one simple rule.

Industrial Enlightenment explores the transition through which England passed between 1760 and 1820 on the way to becoming the world's first industrialised nation. In drawing attention to the important role played by scientific knowledge, it focuses on a dimension of this transition which is often overlooked by historians. The book argues that in certain favoured regions, England underwent a process whereby useful knowledge was fused with technological 'know how' to produce the condition described here as Industrial Enlightenment. At the forefront of the process were the natural philosophers who entered into a close and productive relationship with technologists and entrepreneurs. Much of the evidence for this study is drawn from the extraordinary archival record of the activities of Matthew Boulton (1728–1809) and his Soho Manufactory. The book will appeal to those keen to explore the dynamics of change in eighteenth-century England, and to those with a broad interest in the cultural history of science and technology.

First Published in 2004. Routledge is an imprint of Taylor & Francis, an informa company. Book & CD. This book is designed primarily for undergraduate and postgraduate students

intending to pursue a career in internal auditing, as well as those chartered accountants with a specialist interest in governance and control issues. This book covers the basic concepts, philosophy and principles underlying the practice of internal auditing -- the relationships between the internal auditor, management and the external auditor. In addition, the student will gain a knowledge and understanding of the nature of an organisation. Risk management and the role of internal auditing in managing organisational risks in the context of current developments in corporate governance in both the public and private sectors are dealt with. The book is now prescribed for those studying for the Certified Internal Auditor professional qualification since it addresses the syllabus requirements of the Institute of Internal Auditors (IIA) and the Standards for the Professional Practice of Internal Auditing and Competency Framework for Internal Auditors. This book represents a practical integrated approach to the Institute of Internal Auditors' recommended internal audit approach, and may be implemented within an internal audit department in a cost-effective manner. Accordingly, the text may be useful as a reference manual for internal audits in practice.

"The rise and fall of kings and nations!"--Cover.

Chart Patterns booklet is designed to be your quick source for identifying chart patterns to help you trade more confidently. This book introduces & explains 60+ patterns that you are bound to see in Stocks, Mutual Funds, ETFs, Forex, and Options Trading. With this book, you will not need to flip through hundreds of pages to identify patterns. This book will improve the way you trade. Unlike other Technical Analysis books, this Chart pattern book will help you master Charting & Technical Analysis by making it simple enough to understand & use on a day to day basis.

Deep learning algorithms have brought a revolution to the computer vision community by introducing non-traditional and efficient solutions to several image-related problems that had long remained unsolved or partially addressed. This book presents a collection of eleven chapters where each individual chapter explains the deep learning principles of a specific topic, introduces reviews of up-to-date techniques, and presents research findings to the computer vision community. The book covers a broad scope of topics in deep learning concepts and applications such as accelerating the convolutional neural network inference on field-programmable gate arrays, fire detection in surveillance applications, face recognition, action and activity recognition, semantic segmentation for autonomous driving, aerial imagery registration, robot vision, tumor detection, and skin lesion segmentation as well as skin melanoma classification. The content of this book has been organized such that each chapter can be read independently from the others. The book is a valuable companion for researchers, for postgraduate and possibly senior undergraduate students who are taking an advanced course in related topics, and for those who are interested in deep learning with applications in computer vision, image processing, and pattern recognition.

Neurosurgical vignettes in question and answer format provide robust prep for the ABNS oral exam! Neurosurgery Case Review: Questions and Answers, 2nd Edition by Remi Nader, Abdulrahman Sabbagh, Samer Elbabaa, Hosam Al-Jehani, Jaime Gasco, and Cristian Gragnaniello provides a robust study guide for the American Board Neurological Surgery and the Royal College of Physicians and Surgeons of Canada oral board examinations. The second edition expands on the highly successful first edition, presenting 148 cases commonly encountered by neurosurgeons in clinical practice. The cases are broadly divided into seven sections—tumor, vascular intracranial pathology, trauma, pediatric, functional, spine, and peripheral nerves. The chapters are arranged in a manner that mirrors the oral board exam. Each case includes a brief clinical scenario followed by questions on presentation, diagnosis, imaging, management, surgical detail, complications, and outcome. The presented information is backed by the latest available evidence-based references and data. Key Features: Contributions from internationally renowned neurosurgical educators Detailed answers

enhance readers' knowledge and provide guidance on how to respond to questions asked in the oral board exams More than 750 high-quality images, many in full color, ensure visual understanding of key concepts Suggested readings at the end of cases offer additional study resources This is an indispensable, one-stop resource for neurosurgical residents and fellows prepping for the ABNS and Royal College oral board examinations. Neurosurgeons studying for recertification will also find this book an invaluable reference for rapid review.

Erotic memoir

Ethics and Law for School Psychologists is the single best source of authoritative information on the ethical and legal issues school psychologists face every day. Designed specifically to meet the unique needs of psychologists in school settings, this book includes the most up-to-date standards and requirements while providing an introduction to ethical codes, ethical decision making, and the legal underpinnings that protect the rights of students and their parents. This new seventh edition has been extensively updated with the latest research and changes to the law, with an increased focus on ethical-legal considerations associated with the use of digital technologies. Coverage includes new case law on privacy rights, electronic record keeping, the 2014 Standards for Educational and Psychological Testing, digital assessment platforms, the latest interpretations of the Individuals with Disabilities Education Act, and more. Ethics texts for counseling and psychology are plentiful, and often excellent—but this book is the only reference that speaks directly to the concerns and issues specific to psychologists in school settings. Case vignettes, end-of-chapter questions, and discussion topics facilitate deeper insight and learning, while updated instructor's resources bring this key reference right into the classroom. Keeping up with the latest research and legal issues is a familiar part of a psychologist's duties, but a practice centered on children in an educational setting makes it both critical and more complex. Ethics and Law for School Psychologists provides a central resource for staying up to date and delivering ethically and legally sound services within a school setting.

This book is a unique surgical pathology grossing atlas, comprised of a collection of photos of various anatomic specimens frequently encountered in routine and frozen surgical pathology practice, including various organ systems. The photos in this atlas have been collected over many years of practicing surgical pathology in one of the largest medical centers in the world, and include emphasis on important anatomic landmarks and explanations on how to properly orient, section and sample anatomic specimens. The use of actual gross images allows readers to more readily apply the grossing tips to actual specimens that they encounter at the grossing bench. Each chapter is arranged by organ system and includes essential tips for grossing each specimen and sample dictations with all the essential elements that must be addressed for proper assessment of each organ specimen. Written by expert pathologists, Atlas of Surgical Pathology Grossing is an excellent resource for pathologists, medical and pathology assistant students, residents, both in surgery and pathology, and pathology assistants.

Understand the clinically important aspects of microbiology with this full-color review Includes more than 20 case studies The twenty-seventh edition of Jawetz, Melnick & Adelberg's Medical Microbiology delivers a concise, up-to-date overview of the roles microorganisms play in human health and illness. Linking fundamental principles with the diagnosis and treatment of microbial infections, this classic text has been updated throughout to reflect the tremendous expansion of medical knowledge afforded by molecular mechanisms, advances in our understanding of microbial pathogenesis, and the discovery of novel pathogens. Along with brief descriptions of each organism, you will find vital perspectives on pathogenesis, diagnostic laboratory tests, clinical findings, treatment, and epidemiology. The book also includes an entire chapter of case studies that focuses on differential diagnosis and management of microbial infections. Here's why Jawetz, Melnick & Adelberg's Medical Microbiology is

essential for USMLE review: 650+ USMLE-style review questions 300+ informative tables and illustrations 23 case studies to sharpen you differential diagnosis and management skills An easy-to-access list of medically important microorganisms Coverage that reflects the latest techniques in laboratory and diagnostic technologies Full-color images and micrographs Chapter-ending summaries Chapter concept checks Jawetz, Melnick & Adelberg's Medical Microbiology introduces you to basic clinical microbiology through the fields of bacteriology, virology, mycology, and parasitology, giving you a thorough yet understandable review of the discipline.

"Digital forensics is the science of collecting the evidence that can be used in a court of law to prosecute the individuals who engage in electronic crime"--Provided by publisher.

Is religion to blame for deadly conflicts? Should religious behaviour be credited more often for acts of charity and altruism? In what ways are religious and 'spiritual' ideas, practices and identities surviving and changing as religion loses its political power in those parts of the world which are experiencing increasing secularization? Written by one of the world's leading authorities on the psychology of religion and social identity, Psychological Perspectives on Religion and Religiosity offers a comprehensive and multidisciplinary review of a century of research into the origins and consequences of religious belief systems and religious behaviour. The book employs a unique theoretical framework that combines the 'new' cognitive-evolutionary psychology of religion, examining the origins of religious ideas, with the 'old' psychology of religiosity, which looks at correlates and consequences. It examines a wide range of psychological variables and their relationship with religiosity. It is also provides fresh insights into classical topics in the psychology of religion, such as religious conversion, the relevance of Freud's ideas about religion and religiosity, the meaning of secularization, and the crucial role women play in religion. The book concludes with the author's reflections on the future for the psychology of religion as a field. Psychological Perspectives on Religion and Religiosity will be invaluable for academic researchers in psychology, sociology, anthropology, political science, economics, and history worldwide. It will also be of great interest to advanced undergraduate students and graduate students across the social sciences.

This research-based, comprehensive introduction to multicultural education and diversity prepares future teachers for the wide diversity of students they will meet in their classrooms, schools, and communities. Moving beyond the purely cultural approach of many comparable texts, Human Diversity in Education addresses the full range of human diversity found in today's schools--including nationality, ethnicity, race, religion, gender, class, language, sexual orientation, and ability levels. Based on the assumption that change begins with the individual teacher, the text argues that prospective teachers must learn to incorporate issues of diversity in all of their work--including in their interactions with children, parents, colleagues, and the community.

In the second edition of this very successful book, Tony Sammes and Brian Jenkinson show how the contents of computer systems can be recovered, even when hidden or subverted by criminals. Equally important, they demonstrate how to insure that computer evidence is admissible in court. Updated to meet ACPO 2003 guidelines, Forensic Computing: A Practitioner's Guide offers: methods for recovering evidence information from computer systems; principles of password protection and data encryption; evaluation procedures used in circumventing a system's internal security safeguards, and full search and seizure protocols for experts and police officers.

... "Included on the Choice list with the outstanding academic Earth Sciences titles 2008" ... This volume describes simplified dynamic analyses that bridge the gap between the rather limited provisions of design codes and the rather eclectic methods used in sophisticated analyses. Graphs and spreadsheets are included for the ease and speed of use of simplified analyses of: soil slope (in)stability and displacements caused by earthquakes, sand

liquefaction and flow caused by earthquakes, dynamic soil-foundation interaction, bearing capacity and additional settlement of shallow foundations, earthquake motion effects on tunnels and shafts, frequent liquefaction potential mitigation measures. A number of comments on the assumptions used in different methods, limitation and factors affecting the results are given. Several case histories are also included in the appendices in order to assess the accuracy and usefulness of the simplified methods. Audience This work is of interest to geotechnical engineers, engineering geologists, earthquake engineers and students.

The Majority Of Clinical Pharmacy Textbooks Focus On Disease States And Applied Therapeutics. This Book Is Different. It Aims To Provide Readers With A Comprehensive Description Of The Concepts And Skills That Are The Foundation For Current Clinical Pharmacy Practice. It Seeks To Answer The Question How Do Clinical Pharmacists Practice? Rathar Than What Do Clinical Pharmacists Need To Know About Drugs And Therapeutics? The Book Is Divided Into Three Sections, And Each Chapter Is Self-Contained And Can Be Read Independently. Section I Provides An Overview Of The Current Status Of Clinical Pharmacy Practice In India And Other Countries. Section Ii Includes Chapters On The Key Concepts, Skills And Competencies Required For Effective Clinical Practice. Section Iii Covers Topics Of Interest To Graduate And Postgraduate Students, And More Experienced Clinical Pharmacists And Researchers.This Book Will Be Useful For All Students Of Pharmacy And Pharmacists Working In Hospital Pharmacy, Community Pharmacy, Drug Or Medical Information, Clinical Research, Government And Nongovernment Organisations, Teaching And Research.

The QRI-5 has long led the field in offering students and teachers alike a reliable and easy-to-use informal assessment instrument. This Fifth Edition continues to emphasize authentic assessment of children's reading abilities, from the most emergent readers to advanced readers. One of the keys to the success of the QRI-5 is that it contains narrative and expository passages at each pre-primer through high school level. All are self-contained selections highly representative of the structure and topic of materials found in basal readers and content-area textbooks. This new edition includes new narrative texts that are even easier than the pre-primer passages previously included. At the same time, it provides graded word lists and numerous passages designed to assess the oral reading, silent reading, or listening comprehension of a student as well as questions to assess prior knowledge. Instructors can measure comprehension by retelling passages, using implicit and explicit questions, and using other devices. What's New in the QRI-5? # Narrative texts even easier than the pre-primer passages previously included, as well as another narrative to all primary grade levels. # Passages at pre-primer through second grade levels that are presented with and without pictures. # Map and illustrations as part of expository selections at fourth through high school levels. # Accompanying DVD content has been expanded to include * Examples of students reading orally * Scored protocols to accompany readings * Directions for administering each segment of the QRI * Tables/Charts that increase consistency of administration, scoring, and interpretation * All student and examiner copies

This provocative book challenges conventional thinking that stereotypes are always inaccurate, exaggerated, and generally destructive by daring to look at stereotyping empirically. The chapters provide insights into how stereotyping may help us manage information without necessarily being destructive. They also unearth the complex cognitive and attitudinal processes that underlie stereotyping, so we may harness these processes to better understand group differences and to promote greater respect for those we see as different from ourselves.

Cloud computing continues to emerge as a subject of substantial industrial and academic interest. Although the meaning and scope of "cloud computing" continues to

be debated, the current notion of clouds blurs the distinctions between grid services, web services, and data centers, among other areas. Clouds also bring considerations of lowering the cost for relatively bursty applications to the fore. Cloud Computing: Principles, Systems and Applications is an essential reference/guide that provides thorough and timely examination of the services, interfaces and types of applications that can be executed on cloud-based systems. The book identifies and highlights state-of-the-art techniques and methods for designing cloud systems, presents mechanisms and schemes for linking clouds to economic activities, and offers balanced coverage of all related technologies that collectively contribute towards the realization of cloud computing. With an emphasis on the conceptual and systemic links between cloud computing and other distributed computing approaches, this text also addresses the practical importance of efficiency, scalability, robustness and security as the four cornerstones of quality of service. Topics and features: explores the relationship of cloud computing to other distributed computing paradigms, namely peer-to-peer, grids, high performance computing and web services; presents the principles, techniques, protocols and algorithms that can be adapted from other distributed computing paradigms to the development of successful clouds; includes a Foreword by Professor Mark Baker of the University of Reading, UK; examines current cloud-practical applications and highlights early deployment experiences; elaborates the economic schemes needed for clouds to become viable business models. This book will serve as a comprehensive reference for researchers and students engaged in cloud computing. Professional system architects, technical managers, and IT consultants will also find this unique text a practical guide to the application and delivery of commercial cloud services. Prof. Nick Antonopoulos is Head of the School of Computing, University of Derby, UK. Dr. Lee Gillam is a Lecturer in the Department of Computing at the University of Surrey, UK.

Social Perception and Social Reality contests the received wisdom in the field of social psychology that suggests that social perception and judgment are generally flawed, biased, and powerfully self-fulfilling. Jussim reviews a wealth of real world, survey, and experimental data collected over the last century to show that in fact, social psychological research consistently demonstrates that biases and self-fulfilling prophecies are generally weak, fragile, and fleeting. Furthermore, research in the social sciences has shown stereotypes to be accurate. Jussim overturns the received wisdom concerning social perception in several ways. He critically reviews studies that are highly cited darlings of the bias conclusion and shows how these studies demonstrate far more accuracy than bias, or are not replicable in subsequent research. Studies of equal or higher quality, which have been replicated consistently, are shown to demonstrate high accuracy, low bias, or both. The book is peppered with discussions suggesting that theoretical and political blinders have led to an odd state of affairs in which the flawed or misinterpreted bias studies receive a great deal of attention, while stronger and more replicable accuracy studies receive relatively little attention. In addition, the author presents both personal and real world examples (such as stock market prices, sporting events, and political elections) that routinely undermine heavy-handed emphases on error and bias, but are generally indicative of high levels of rationality and accuracy. He fully embraces scientific data, even when that data yields unpopular conclusions or contests prevailing conventions or the received wisdom in

psychology, in other social sciences, and in broader society.

Concepts of Genetics is a one semester introductory genetics text that explains genetics concepts in a concise, engaging and up-to-date manner. Rob Brooker, author of market leading texts in Genetics and Intro Biology for majors, brings his clear and accessible writing style to this briefer genetics text. He employs the use of experimentation and stresses the fundamentals of the Scientific Method in presenting genetics concepts, then further engages the reader through the use of formative assessment to assist the student in understanding the core genetic principles. The introduction of Learning Outcomes throughout the chapter in the 2nd edition helps the student focus on the key concepts presented in the chapter. Concepts of Genetics, 2e also stresses developing problem-solving skills with the new feature "Genetic TIPS" that breaks a problem down into conceptual parts (Topic, Information, Problem-Solving Strategy) to help students work through the answer. The 2nd edition will be more focused on core concepts with the narrowing of book content by eliminating specialty chapters that many courses do not have time to cover in detail (the full chapters on Developmental Genetics and Evolutionary Genetics--these general topics are discussed elsewhere, but not in the amount of detail in the first edition). The author has added new information regarding epigenetics and material on personalized medicine. The integration of the genetics text and the power of digital world are now complete with McGraw-Hill's ConnectPlus including LearnSmart. Users who purchase Connect Plus receive access to SmartBook and to the full online ebook version of the textbook. Billions of spots of tiny genetic code comprise the human genome. It was DNA sequencing technology that had revolutionized genomic research by decoding the valuable genetic information by giving the picture of an exact order of occurrence of nucleotides in a DNA. The inception of first-generation sequencing method, also called Sanger sequencing took place in 1975. The first major breakthrough of first-generation sequencing comes, when the 13 year log Human Genome Project (HGP) was completed in 2003 at a cost $3 million. With ever increasing demands of researchers and clinicians, complex genomic research require a depth of information which is however beyond the capacity of traditional DNA sequencing technologies. These research questions gaps are very well addressed by Next-generation sequencing (NGS) has filled that gap of cheaper as well as faster sequencing technology. It is just a decade old technology, but it has popularize the next-generation sequencing to high-throughput sequencing hat allow millions to trillions of observations to be made in parallel during a single instrument run. Since the introduction of these technologies, the number of applications and methods that influence the power of genome-scale sequencing has increased exponentially. Although in genome research NGS has mostly superseded conventional Sanger sequencing, it has not yet translated into routine clinical practice. The following chapter will highlight the concepts, technologies, and methods of next-generation sequencing to illustrate the breadth and depth of the applications and research areas that are driving progress in genomics.

Provides definitions and study tips for over sixteen hundred frequently used SAT words and includes strategies for memorizing the words and answering questions on the test. Altemeyer begins by closely examining the scientific lieterature on right-wing authoritarianism. This timely volume surveys the history of social psychological research on right-wing authoritarianism and describes a more fruitful direction for future

work. It concludes with a disturbing comment on the pervasiveness of autoritarian behaviour in our society.

This student study tool contains both brief and detailed chapter outlines, chapter summaries, learning objectives, a list of key terms, mini-assignments to guide reading, Internet and InfoTrac exercises, and practice tests consisting of 20-25 multiple-choice questions, 10-15 true/false questions, 3-5 fill-in-the-blank and short-answer questions, and 3-5 critical thinking questions. All multiple-choice, true/false, fill-in-the-blank and short-answer questions include answer explanations and page references to the text.

If you are studying forensic science, or a related course such as forensic chemistry or biology, then this book will be an indispensable companion throughout your entire degree programme. This ' one-stop' text will guide you through the wide range of practical, analytical and data handling skills that you will need during your studies. It will also give you a solid grounding in the wider transferable skills such as teamwork and study skills.

Hidden in the mountains of East Tennessee, an eleven-year old goes about the business of being a boy during the summer of 1970. Within a balance of terror and innocence, he bears silent witness to ghosts of the dead and the cruelties of a teenage killer while local justice plays out in a community carved from legacies of coal mining and religion.

Annotation. Computer and Machine Vision: Theory, Algorithms, Practicalities (previously entitled Machine Vision) clearly and systematically presents the basic methodology of computer and machine vision, covering the essential elements of the theory while emphasizing algorithmic and practical design constraints. This fully revised fourth edition has brought in more of the concepts and applications of computer vision, making it a very comprehensive and up-to-date tutorial text suitable for graduate students, researchers and R the first of these has been widely used internationally for more than 20 years, and is now out in this much enhanced fourth edition. Roy holds a DSc at the University of London, and has been awarded Distinguished Fellow of the British Machine Vision Association, and Fellow of the International Association of Pattern Recognition.Mathematics and essential theory are made approachable by careful explanations and well-illustrated examples.Updated content and new sections cover topics such as human iris location, image stitching, line detection using RANSAC, performance measures, and hyperspectral imaging.The 'recent developments' section now included in each chapter will be useful in bringing students and practitioners up to date with the subject.

Computer Vision: Principles, Algorithms, Applications, Learning (previously entitled Computer and Machine Vision) clearly and systematically presents the basic methodology of computer vision, covering the essential elements of the theory while emphasizing algorithmic and practical design constraints. This fully revised fifth edition has brought in more of the concepts and applications of computer vision, making it a very comprehensive and up-to-date text suitable for undergraduate and graduate students, researchers and R&D engineers working in this vibrant subject. See an interview with the author explaining his approach to teaching and learning computer vision - http://scitechconnect.elsevier.com/computer-vision/ Three new chapters on Machine Learning emphasise the way the subject has been developing; Two chapters cover Basic Classification Concepts and Probabilistic Models; and the The third covers the principles of Deep Learning Networks and shows their impact on computer vision, reflected in a new chapter Face Detection and Recognition. A new chapter on Object Segmentation and Shape Models reflects the methodology of machine learning and gives practical demonstrations of its application. In-depth discussions have been included on geometric transformations, the EM algorithm, boosting, semantic segmentation, face frontalisation, RNNs and other key topics. Examples and applications—including the location of biscuits, foreign bodies, faces, eyes, road lanes, surveillance, vehicles and pedestrians—give the 'ins and outs' of developing real-world vision systems, showing the realities of practical implementation. Necessary mathematics and essential theory are made approachable by

careful explanations and well-illustrated examples. The 'recent developments' sections included in each chapter aim to bring students and practitioners up to date with this fast-moving subject. Tailored programming examples—code, methods, illustrations, tasks, hints and solutions (mainly involving MATLAB and C++)

Ideal for those studying biochemistry for the first time, this proven book balances scientific detail with readability and shows you how principles of biochemistry affect your everyday life. Designed throughout to help you succeed (and excel!), the book includes in-text questions that help you master key concepts, end-of-chapter problem sets grouped by problem type that help you prepare for exams, and state-of-the art visuals that help you understand key processes and concepts. In addition, visually dynamic Hot Topics cover the latest advances in the field, while Biochemical Connections demonstrate how biochemistry affects other fields, such as health and sports medicine. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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