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The best way for students to learn and understand the most complex pharmacology concepts. Includes a comprehensive review of drugs necessary to passing the course and preparing for the USMLE. Includes updated information on poisoning/toxicology, and coverage of new classes of drugs. Easy to format, includes tables, charts, and an approach that really works. Copyright © Libri GmbH. All rights reserved. Learn more than just numbers, letters, shapes and colours through this unique, attractive and colourful My First Book of Basic Concepts. This book is a perfect tool for toddlers to learn basic concepts and new words

sharing and enjoying them with others as well. There are fun-filled sentences and delightful picture tabs throughout the book, encouraging children to slip right to the page of their choice. This textbook shall introduce the students to 3D cell culture approaches and applications. An overview on existing techniques and equipment is provided and insight into various aspects and challenges that researchers need to consider and face during culture of 3D cells is given. The reader will learn the importance of physiological cell, tissue and organ models and gains important knowledge on 3D analytics. This textbook deepens selected aspects of the textbook "Cell Culture Technology", which also is published in this series, while offering extended insight into 3D cell culture. The concept of the textbook encompasses various lectures ranging from basics in cell cultivation, tissue engineering, biomaterials and biocompatibility, in vitro test systems and regenerative medicine. The textbook

addresses Master- and PhD students interested and/or working in the field of modern cell culture applications and will support the understanding of the essential strategies in 3D cell culture and waken awareness for the potentials and challenges of this application. English Grammar is very essential to move ahead in today's world. Academic excellence and competitive edge can be attained only with the help of command in grammar. This book 'Basic Concept of English Grammar' helps you learn English grammar step by step with Hindi English explanations, examples, tables and exercises. Vocabulary, writing skill, phonetics and translation can be easily learned by going through this book sincerely accompanied by practice by the learner. An in-depth overview of some of the most readily applicable essentials of modern mathematics, this concise volume is geared toward undergraduates of all backgrounds as well as future math majors. Topics include

the natural numbers; sets, variables, and statement forms; mappings and operations; groups; relations and partitions; integers; and rational and real numbers. 1961 edition. This concise text offers an accessible, conceptual presentation for students in any quantitative field. Gain confidence and creativity in your family therapy interventions with new, up-to-date research! Basic Concepts in Family Therapy: An Introductory Text, Second Edition, presents twenty-two basic psychological concepts that therapists may use to understand clients and provide successful services to them. Each chapter focuses on a single concept using material from family therapy literature, basic psychological and clinical research studies, and cross-cultural research studies. Basic Concepts in Family Therapy is particularly useful to therapists working in a family context with child- or adolescent-referred problems, and for students and clinicians treating the problems they see every

day in their community. The book builds on the strengths of the first edition, incorporating ideas and articles that have become worthy of investigating since 1990 into the original text. This new edition also introduces five new chapters on resiliency and poverty, adoption, chronic illness, spirituality and religion, and parenting strategies. The new chapters make the book far more relevant for students and clinicians trying to use family theory and technique in response to the problems they see in their communities. Basic Concepts in Family Therapy will assist you in offering clients better services by providing a deeper understanding of the contemporary family in its various forms, the psychological bonds that shape all families, and the developmental stages of the family life cycle. This exploration of how family demography, stages and life cycles affect family functions is a solid foundation from which all of the therapeutic concepts

in this book can be explored. Some of the facets of family therapy you will explore in Basic Concepts in Family Therapy are: the importance of spirituality and religion in family therapy generational boundaries, closeness, and role behaviors managing a family's emotions defining problems and generating and evaluating possible solutions teaching children specific attitudes, values, social skills, and norms transracial adoptions and normative processes and developmental issues of adoptive parents strategies for reducing conflict . . . and much more! Basic Concepts in Family Therapy will help to broaden your understanding of the ways families function in general. You can use the effective concepts explored in this text to make a thorough assessment of the impact of a disorder on a child and on the rest of his or her family, as well as how family dynamics might have shaped or exacerbated the problems. The concepts described in this text can be customized to clients' cultural

values to avoid unnecessary resistance. As a new therapist, you will gain confidence in your assessments, and if you are already a seasoned professional, you will gain creativity in your interventions. In the United States today criminal justice can vary from state to state, as various states alter the Modern Penal Code to suit their own local preferences and concerns. In Eastern Europe, the post-Communist countries are quickly adopting new criminal codes to reflect their specific national concerns as they gain autonomy from what was once a centralized Soviet policy. As commonalities among countries and states disintegrate, how are we to view the basic concepts of criminal law as a whole? Eminent legal scholar George Fletcher acknowledges that criminal law is becoming increasingly localized, with every country and state adopting their own conception of punishable behavior, determining their own definitions of offenses. Yet by taking a step back from the

details and linguistic variations of the criminal codes, Fletcher is able to perceive an underlying unity among diverse systems of criminal justice. Challenging common assumptions, he discovers a unity that emerges not on the surface of statutory rules and case law but in the underlying debates that inform them. Basic Concepts of Criminal Law identifies a set of twelve distinctions that shape and guide the controversies that inevitably break out in every system of criminal justice. Devoting a chapter to each of these twelve concepts, Fletcher maps out what he considers to be the deep structure of all systems of criminal law. Understanding these distinctions will not only enable students to appreciate the universal fundamental ideas of criminal law, but will enable them to understand the significance of local details and variations. This accessible illustration of the unity of diverse systems of criminal justice will provoke and inform students and scholars of law

and the philosophy of law, as well as lawyers seeking a better understanding of the law they practice. This book presents the main concepts and results of differential equations, and offers the reader another point of view concerning a possible way to approach the problems of existence, uniqueness, approximation, and continuation of the solutions to a Cauchy problem. In addition, it contains simple introductions to some topics which are not usually included in classical textbooks: the exponential formula, conservation laws, generalized solutions, Caratheodory solutions, differential inclusions, variational inequalities, viability, invariance, gradient systems. "Basic Concepts in Physics: From the Cosmos to Quarks" is the outcome of the authors' long and varied teaching experience in different countries and for different audiences, and gives an accessible and eminently readable introduction to all the main ideas of modern physics.

The book's fresh approach, using a novel combination of historical and conceptual viewpoints, makes it ideal complementary reading to more standard textbooks. The first five chapters are devoted to classical physics, from planetary motion to special relativity, always keeping in mind its relevance to questions of contemporary interest. The next six chapters deal mainly with newer developments in physics, from quantum theory and general relativity to grand unified theories, and the book concludes by discussing the role of physics in living systems. A basic grounding in mathematics is required of the reader, but technicalities are avoided as far as possible; thus complex calculations are omitted so long as the essential ideas remain clear. The book is addressed to undergraduate and graduate students in physics and will also be appreciated by many professional physicists. It will likewise be of interest to students, researchers and teachers of other natural

sciences, as well as to engineers, high-school teachers and the curious general reader, who will come to understand what physics is about and how it describes the different phenomena of Nature. Not only will readers of this book learn much about physics, they will also learn to love it. This text emphasizes logic and the theory of sets. Students who take no further courses in the field will find it an excellent resource for developing an appreciation for the nature of mathematics. Others will discover the foundations for future studies — set theory, logic, counting, numbers, functions, and more. 1968 edition. 43 figures. 25 tables. The new edition of Digital Learning: The Key Concepts is the perfect reference for anyone seeking to navigate the myriad of named concepts, approaches, issues and technologies associated with digital learning. Key terms are explained succinctly, making this book ideal to dip into for a quick answer, or to read from cover-to-cover, in order to gain

a mastery of how digital concepts fit within the world of education. Fully updated to include important developments in digital practice and technology in education over the last ten years, this book takes the reader from A to Z through a range of relevant topics including: • Course design • Digital scholarship • Learning design • Open education • Personal learning environments • Social media and social networking. Ideal as an introductory guide, or as a reference book for ongoing referral, this quick-to-use and comprehensive guide is fully crossreferenced and complete with suggestions for further reading and exploration, making it an essential resource for anyone looking to extend their understanding of digital practices, techniques and pedagogic concepts. An essential guide to the basic concepts that comprise the study of sociology with contributions from an international range of leading experts Core Concepts in

Sociology is a comprehensive guide to the essential concepts relevant to the current study of the discipline and wider social science. The contributing authors cover a wide range of concepts that remain at the heart of sociology including those from its academic founding and others much more recent in their development. The text contains contributions from an international panel of leading figures in the field, utilizing their expertise on core concepts and presenting an accessible introduction for students. Drawing on the widest range of ideas, research, current literature and expert assessment, Core Concepts in Sociology contains over 90 concepts that represent the discipline. Coverage includes concepts ranging from aging to capitalism, democracy to economic sociology, epistemology to everyday life, media to risk, stigma and much more. This vital resource: Sets out the concepts that underpin the study of sociology and

wider social science Contains contributions from an international panel of leading figures in the field Includes a comprehensive review of the basic concepts that comprise the foundation and essential development of the discipline Designed as a concise and accessible resource Written for students, researchers and wider professionals with an interest in the field of sociology, Core Concepts in Sociology offers a concise, affordable and accessible resource for studying the underpinnings of sociology and social science. Basic Concepts of Plant Science covers all the important chapters of Genetics and Plant Breeding, Plant Pathology, Microbiology, Seed Science and Technology, IPR, Statistics and Agriculture Biotechnology. Tables provide information about history of all the subjects of plant science. In order to have better understanding of the topic figures have been incorporated (wherever required). Statistics and Biotechnology have been discussed in detail. The

chapters are arranged in the order of increasing technical complexity. The book contains about 100 fill in the blanks, 500 MCQs and memory based questions (from previous years ICAR examinations with their answers), hence it is a complete book on Plant Science. Dance students are introduced to the basic elements of movement, improvisation, choreography, and performance through discussions and exercises that encourage learning This clear translation of Martin Heidegger's lecture course of 1941 offers a concise introduction to the new directions of his late thought. In this transition, Heidegger shifts from the problem of the meaning of being to the question of the truth of being. The purpose of this book is to thoroughly prepare the reader for research in string theory at an intermediate level. As such it is not a compendium of results but intended as textbook in the sense that most of the material is organized in a pedagogical and self-

contained fashion. Beyond the basics, a number of more advanced topics are introduced, such as conformal field theory, superstrings and string dualities - the text does not cover applications to black hole physics and cosmology, nor strings theory at finite temperatures. End-of-chapter references have been added to guide the reader wishing to pursue further studies or to start research in well-defined topics covered by this book. This book provides a mathematically rigorous introduction to the fundamental ideas of modern statistics for readers without a calculus background. This book is the result of several decades of teaching experience in data structures and algorithms. It is self-contained but does assume some prior knowledge of data structures, and a grasp of basic programming and mathematics tools. Basic Concepts in Algorithms focuses on more advanced paradigms and methods combining basic programming constructs as building blocks and their

usefulness in the derivation of algorithms. Its coverage includes the algorithms' design process and an analysis of their performance. It is primarily intended as a textbook for the teaching of Algorithms for second year undergraduate students in study fields related to computers and programming. Klein reproduces his oral teaching style in writing, with one topic leading to another, related one. Most of the classical and some more advanced subjects in the theory of algorithms are covered, though not in a comprehensive manner. The topics include Divide and Conquer, Dynamic Programming, Graph algorithms, probabilistic algorithms, data compression, numerical algorithms and intractability. Each chapter comes with its own set of exercises, and solutions to most of them are appended. This work has been selected by scholars as being culturally important and is part of the knowledge base of civilization as we know it. This work is in the public domain in the United

States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. To ensure a quality reading experience, this work has been proofread and republished using a format that seamlessly blends the original graphical elements with text in an easy-to-read typeface. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant. The European Computer Driving Licence is a European qualification that enables individuals to demonstrate their competency in computer skills. This text covers the basics of operating a computer and some security issues. Presenting a unified approach, this book focusses on the concepts and theoretical

methods that are necessary for an understanding of the physics and chemistry of the fluid state. The authors do not attempt to cover the whole field in an encyclopedic manner. Instead, important ideas are presented in a concise and rigorous style, and illustrated with examples from both simple molecular liquids and more complex soft condensed matter systems such as polymers, colloids, and liquid crystals. This highly readable text provides a clear exposition of the implications and interpretations of the fundamentals of discrete information theory and coding. Focusing on the results of practical applications, the authors cover information measures, Shannon's channel capacity/coding theorems, and source and channel coding concepts. The clear, accessible text will serve as an introduction to the field for professionals and students in communication systems, computer science, and electrical systems science. Coco loves colors. Help her

explore the colors all around her world. Will your favorite color be among them? The charming text and warm illustrations encourage children to interact with the story as Coco discovers Colors All Around! 83 concepts (such as front, in, out, empty, full, between, center, beside, least, little) are taught and reinforced using imaginative stories. Starting at an introductory level, the book leads rapidly to important and often new results in synthetic differential geometry. From rudimentary analysis the book moves to such important results as: a new proof of De Rham's theorem; the synthetic view of global action, going as far as the Weil characteristic homomorphism; the systematic account of structured Lie objects, such as Riemannian, symplectic, or Poisson Lie objects; the view of global Lie algebras as Lie algebras of a Lie group in the synthetic sense; and lastly the synthetic construction of symplectic structure on the cotangent bundle in general. Thus while

the book is limited to a naive point of view developing synthetic differential geometry as a theory in itself, the author nevertheless treats somewhat advanced topics, which are classic in classical differential geometry but new in the synthetic context. Audience: The book is suitable as an introduction to synthetic differential geometry for students as well as more qualified mathematicians. This new edition is a concise introduction to the basic methods of computational physics. Readers will discover the benefits of numerical methods for solving complex mathematical problems and for the direct simulation of physical processes. The book is divided into two main parts: Deterministic methods and stochastic methods in computational physics. Based on concrete problems, the first part discusses numerical differentiation and integration, as well as the treatment of ordinary differential equations. This is extended by a brief introduction to the numerics of

partial differential equations. The second part deals with the generation of random numbers, summarizes the basics of stochastics, and subsequently introduces Monte-Carlo (MC) methods. Specific emphasis is on MARKOV chain MC algorithms. The final two chapters discuss data analysis and stochastic optimization. All this is again motivated and augmented by applications from physics. In addition, the book offers a number of appendices to provide the reader with information on topics not discussed in the main text. Numerous problems with worked-out solutions, chapter introductions and summaries, together with a clear and application-oriented style support the reader. Ready to use C++ codes are provided online. In its second edition, *Basic Concepts of Helping* continues to make a statement about the nature of helping and the importance of professional helpers. The book will acquaint students with the concepts that are a basis for professional helping. It introduces the roles

and responsibilities that are germane to all professional helpers by explaining those concepts that are essential to helping such as communication, group dynamics, adaptation, learning, and threat. Each new concept is introduced first in terms of common, everyday experiences, then it is placed in its professional context. This approach allows the reader to relate to the concept on a personal level before understanding its application in the professional setting. This expanded second edition contains new material on : research as a method of problem-solving, the principles of interviewing, written communication, and a historical perspective of the helping professions. The book, written by nurses, will be valuable to all who are beginning careers in the helping professions--including social workers, teachers, counselors, and clergy--to become better aware of their interactions with others and how these interactions affect

the helping process. -- Provided by publisher.

CONTRIBUTIONS TO THE SOCIOLOGY OF LANGUAGE brings to students, researchers and practitioners in all of the social and language-related sciences carefully selected book-length publications dealing with sociolinguistic theory, methods, findings and applications. It approaches the study of language in society in its broadest sense, as a truly international and interdisciplinary field in which various approaches, theoretical and empirical, supplement and complement each other. The series invites the attention of linguists, language teachers of all interests, sociologists, political scientists, anthropologists, historians etc. to the development of the sociology of language. The hilarious, colorful #1 New York Times bestselling phenomenon that every kid wants! Gift a copy to someone you love today. Poor Duncan just wants to color. But when he opens his box of crayons, he finds only letters, all saying the same

thing: His crayons have had enough! They quit! Blue crayon needs a break from coloring all those bodies of water. Black crayon wants to be used for more than just outlining. And Orange and Yellow are no longer speaking—each believes he is the true color of the sun. What can Duncan possibly do to appease all of the crayons and get them back to doing what they do best? With giggle-inducing text from Drew Daywalt and bold and bright illustrations from Oliver Jeffers, *The Day the Crayons Quit* is the perfect gift for new parents, baby showers, back-to-school, or any time of year! Perfect for fans of *Don't Let the Pigeon Drive the Bus* by Mo Willems and *The True Story of the Three Little Pigs* by Jon Scieszka and Lane Smith. Praise for *The Day the Crayons Quit*: Amazon's 2013 Best Picture Book of the Year A Barnes & Noble Best Book of 2013 Goodreads' 2013 Best Picture Book of the Year Winner of the E.B. White Read-Aloud Award * "Hilarious . . . Move over, Click, Clack, Moo; we've got a

new contender for the most successful picture-book strike." -BCCB, starred review "Jeffers . . . elevates crayon drawing to remarkable heights." -Booklist "Fresh and funny." -The Wall Street Journal "This book will have children asking to have it read again and again." -Library Media Connection * "This colorful title should make for an uproarious storytime." -School Library Journal, starred review * "These memorable personalities will leave readers glancing apprehensively at their own crayon boxes." -Publishers Weekly, starred review "Utterly original." -San Francisco Chronicle This book gives a sound foundation in community and public health nursing concepts along with interventions for individuals, families and community workers. Throughout the book, health promotion and disease prevention concepts are integrated into the multifaceted role of population-focused, community oriented nursing practice Emphasis is laid on to implement the

concept of partnership collaboration and empowerment to attain the goal of health for all so that the most vulnerable and marginalized sections of the society along with children and women can be protected from epidemics This book explains how nursing involves a focus of four components i.e. the client, the environment, the health and the nursing. Variations in nursing care depend upon the fact whether it is provided in the acute care setting or

community- based setting It covers topics such as epidemiology, personal health and hygiene, community health nursing process, family and child health services, school health services, occupational health services, etc. It also provides information on various national health problems, programmes, policies, procedures, community health management, administration, rehabilitative nursing, growth and development with statistics