

Free Fundamentals Of Developmental Psychology Book

This is the first anthology of Oliver Wendell Holmes's writings, speeches, and opinions concerning freedom of expression. Prepared by a noted free speech scholar, the book contains eight original essays designed to situate Holmes's works in historical and biographical context. The volume is enriched by extensive commentaries concerning its

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many entries, which consist of letters, speeches, book excerpts, articles, state court opinions, and U.S. Supreme Court opinions. The free book "Fundamentals of Computer Programming with C#" is a comprehensive computer programming tutorial that teaches programming, logical thinking, data structures and algorithms, problem solving and high quality code with lots of examples in C#. It starts with the first steps in programming and software development like variables, data types, conditional statements,

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loops and arrays and continues with other basic topics like methods, numeral systems, strings and string processing, exceptions, classes and objects. After the basics this fundamental programming book enters into more advanced programming topics like recursion, data structures (lists, trees, hash-tables and graphs), high-quality code, unit testing and refactoring, object-oriented principles (inheritance, abstraction, encapsulation and polymorphism) and their implementation the C# language. It also

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covers fundamental topics that each good developer should know like algorithm design, complexity of algorithms and problem solving. The book uses C# language and Visual Studio to illustrate the programming concepts and explains some C# / .NET specific technologies like lambda expressions, extension methods and LINQ. The book is written by a team of developers lead by Svetlin Nakov who has 20+ years practical software development experience. It teaches the major programming concepts and way of

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thinking needed to become a good software engineer and the C# language in the meantime. It is a great start for anyone who wants to become a skillful software engineer. The books does not teach technologies like databases, mobile and web development, but shows the true way to master the basics of programming regardless of the languages, technologies and tools. It is good for beginners and intermediate developers who want to put a solid base for a successful career in the software engineering industry.

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The book is accompanied by free video lessons, presentation slides and mind maps, as well as hundreds of exercises and live examples. Download the free C# programming book, videos, presentations and other resources from

<http://introprogramming.info>. Title: Fundamentals of Computer Programming with C# (The Bulgarian C# Programming Book) ISBN: 9789544007737 ISBN-13: 978-954-400-773-7 (9789544007737) ISBN-10: 954-400-773-3 (9544007733)

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site: <http://www.introprogramming.info>
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free, programming, book, computer
programming, programming fundamentals,
ebook, book programming, C#, CSharp, C#
book, tutorial, C# tutorial; programming
concepts, programming fundamentals,
compiler, Visual Studio, .NET, .NET
Framework, data types, variables,*

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expressions, statements, console, conditional statements, control-flow logic, loops, arrays, numeral systems, methods, strings, text processing, StringBuilder, exceptions, exception handling, stack trace, streams, files, text files, linear data structures, list, linked list, stack, queue, tree, balanced tree, graph, depth-first search, DFS, breadth-first search, BFS, dictionaries, hash tables, associative arrays, sets, algorithms, sorting algorithm, searching algorithms, recursion, combinatorial algorithms, algorithm

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complexity, OOP, object-oriented programming, classes, objects, constructors, fields, properties, static members, abstraction, interfaces, encapsulation, inheritance, virtual methods, polymorphism, cohesion, coupling, enumerations, generics, namespaces, UML, design patterns, extension methods, anonymous types, lambda expressions, LINQ, code quality, high-quality code, high-quality classes, high-quality methods, code formatting, self-documenting code, code refactoring, problem solving,

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*problem solving methodology,
9789544007737, 9544007733*

Fundamentals of Manufacturing, Third Edition provides a structured review of the fundamentals of manufacturing for individuals planning to take SME'S Certified Manufacturing Technologist (CMfgT) or Certified Manufacturing Engineer (CMfgE) certification exams. This book has been updated according to the most recent Body of Knowledge published by the Certification Oversight and Appeals Committee of the

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Society of Manufacturing Engineers. While the objective of this book is to prepare for the certification process, it is a primary source of information for individuals interested in learning fundamental manufacturing concepts and practices. This book is a valuable resource for anyone with limited manufacturing experience or training. Instructor slides and the Fundamentals of Manufacturing Workbook are available to complement course instruction and exam preparation. Table of Contents Chapter 1:

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Materials Chapter 9: Thermodynamics and
Heat Transfer Chapter 10: Fluid Power
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Fundamentals of Chemistry theme in two

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volumes, is a component of Encyclopedia of Chemical Sciences, Engineering and Technology Resources in the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty one Encyclopedias. The Theme is organized into six different topics which represent the main scientific areas : History and Fundamentals of Chemistry; Chemical Experimentation and Instrumentation; Theoretical Approach to Chemistry; Chemical Thermodynamics; Rates of Chemical

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Reactions; Chemical Synthesis of Substances. These two volumes are aimed at the following five major target audiences: University and College students Educators, Professional practitioners, Research personnel and Policy analysts, managers, and decision makers and NGOs

From Microstructures to Reliability

Fundamentals of Mental Health Nursing

First Things First

A Free Speech Chronicle and Reader -

Selections from the Opinions, Books, Articles,

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*Speeches, Letters and Other Writings by and
about Oliver Wendell Holmes, Jr.*

*A Primer on Making Informative and
Compelling Figures*

This accessible textbook clearly explains the basic foundations and principles of acupuncture and Chinese Medicine. With over 70 illustrations, it covers the theories of yin and yang, the five phases, the physiology of the body, the internal organs, the channel system, acupuncture point categories, the point functions and indications, needling techniques and aetiological factors. Authoritative, yet readable,

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this is a vital addition to the shelves of all students of Chinese medicine.

Veteran theater designers Karen Brewster and Melissa Shafer have consulted with a broad range of seasoned theater industry professionals to provide an exhaustive guide full of sound advice and insight. With clear examples and hands-on exercises, *Fundamentals of Theatrical Design* illustrates the way in which the three major areas of theatrical design--scenery, costumes, and lighting--are intrinsically linked.

Attractively priced for use as a classroom text, this is a comprehensive resource for all levels of designers and directors. Allworth Press, an imprint of Skyhorse

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Publishing, publishes a broad range of books on the visual and performing arts, with emphasis on the business of art. Our titles cover subjects such as graphic design, theater, branding, fine art, photography, interior design, writing, acting, film, how to start careers, business and legal forms, business practices, and more. While we don't aspire to publish a New York Times bestseller or a national bestseller, we are deeply committed to quality books that help creative professionals succeed and thrive. We often publish in areas overlooked by other publishers and welcome the author whose expertise can help our audience of readers.

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Learn the concepts and skills you need to provide excellent nursing care! Fundamentals of Nursing, 10th Edition prepares you to succeed as a nurse by providing a solid foundation in critical thinking, clinical reasoning, nursing theory, evidence-based practice, and patient-centered care in all settings. With illustrated, step-by-step guidelines, this book makes it easy to learn important skills and procedures. Care plans are presented within a nursing process framework, and case studies show how to apply concepts to nursing practice. From an expert author team led by Patricia Potter and Anne Perry, this bestselling nursing textbook helps you develop the

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understanding and clinical reasoning you need to succeed in the classroom and in your career.

Ornamental Horticulture is a branch of Horticulture which deals with commercial growing of flowers ornamental plants and beautification of surroundings. This subject assumes great importance in improving total environment and checks visual pollution by way of beautification. The flowers have been eulogised by poets and artists for generations not merely for their ornamental properties but for their versatile curative properties. The Study of ornamental horticulture comprises of two parts i.e. the knowledge of growing of plants like annuals, shrubs, climber, trees, bulbous,

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succulents and cactus, shade loving plants, lawn etc. and their use in beautification programme. The information on above aspect is scattered in different book and a great difficulty was being felt by students, landscapers and scientist. In this context, a need of simple book on introduction, cultivation and management of ornamental plants is highly demanded by student of Horticulture and florists of India. This book describes in details collection identification, propagation, cultivation, nutritional & weed management, plant and flowers senescence management etc., of annuals, herbs, shrubs, climbers and ornamental trees. Since, beautification involves

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the principles of art and gardening styles. Therefore, bio aesthetic planning, basics of landscaping and flowers arrangement have also been discussed in details. Special care has been taken to present the subject matter in a simple and lucid style. Book further includes recent available information. The illustrations have been drawn from own specimens with photographs.

Fundamentals of Biomechanics

Fundamentals of Transportation

Fundamentals of Theatrical Design

The Fundamentals of Acupuncture

Fundamentals of Nursing

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First Things First is a college coursebook like no other. Written by three First Amendment experts and professors, the book provides students with the fundamentals of modern American free speech law in a clear, concise, and accessible manner. First Things First also introduces readers to First Amendment issues related to topics such as student speech, freedom of the press, civil rights, LGBTQ rights, advertising, music censorship, and artificial intelligence. The text includes scores of audio and video links, photographs, and helpful study-aid summaries and questions. First Things First's vibrant and engaging tone ensures readers will leave this book with a dynamic understanding of their rights and

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the value of free speech. “First Things First sets the standard for teaching free speech law.... It combines clearly-written case narratives with frequent excursions to a rich trove of other online material—including video and audio files—that provide additional legal and historical context.” —Stephen D. Solomon (founding editor, First Amendment Watch) “With admirable clarity and brevity, First Things First covers the field of First Amendment law and theory in a readable and accessible way.... This innovative book explains not just the fundamentals of First Amendment law, but how we got to where we are, and why.” —Robert Corn-Revere (First Amendment lawyer) First Things First is a welcome

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addition to the course materials for students studying law, journalism, history, political science, government and a host of other disciplines. —Lucy A. Dalglish, dean and professor, Philip Merrill College of Journalism, University of Maryland First Things First is an incredibly insightful and inviting introduction to U.S. speech and press law. Its approach makes its content completely accessible to beginner and expert alike. But even better, its scores of online links to additional layers of material—including streaming audio and video—make this narrative and case-oriented resource like no other. In addition to teaching the law, the various elements help to reveal what it means to live in a free speech society.

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First Things First is made for the 21st century student—and professor. —Joseph Russomanno, Associate Professor, Arizona State University

Effective visualization is the best way to communicate information from the increasingly large and complex datasets in the natural and social sciences. But with the increasing power of visualization software today, scientists, engineers, and business analysts often have to navigate a bewildering array of visualization choices and options. This practical book takes you through many commonly encountered visualization problems, and it provides guidelines on how to turn large datasets into clear and compelling figures. What visualization type is

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best for the story you want to tell? How do you make informative figures that are visually pleasing? Author Claus O. Wilke teaches you the elements most critical to successful data visualization. Explore the basic concepts of color as a tool to highlight, distinguish, or represent a value Understand the importance of redundant coding to ensure you provide key information in multiple ways Use the book's visualizations directory, a graphical guide to commonly used types of data visualizations Get extensive examples of good and bad figures Learn how to use figures in a document or report and how employ them effectively to tell a compelling story

The American legal system is the most significant in the

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world today, yet until recently there had not been a book that provided both the basic rules and the theoretical understanding necessary to comprehend it. Now, Fundamentals of American Law supplies these concepts to a number of audiences, ranging from students and scholars of law to business people and government officials; from those whose work regularly involves legal issues and who want to understand the law better than they do now, to the general reader who wants to gain a stronger appreciation of our legal system. In twenty-three chapters, the book looks at the overarching principles of American law, the seven subject areas primarily governed by the States, and the eight areas governed by

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Federal Law. Each chapter is written by an acknowledged expert in that area. All of the authors are on the faculty of the New York University School of Law, regarded as one of the elite law schools in America, and this work is offered as an element of its unique Global Law School Program. The book not only provides the reader with a solid foundation of American law, but will also serve as a basic reference book for years to come. Fundamentals of American Law is one volume anyone will want to have on hand to gain an understanding of our legal system.

Learn fundamental nursing principles, concepts, and skills with ease! Fundamentals of Nursing, 8th Edition

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includes accurate, cutting-edge content, active learning strategies, and the latest evidence-based research to help you excel in your classes and prepare for success in today's competitive nursing field. An expert author team led by Patricia Potter and Anne Griffin Perry provides a trusted, comprehensive resource, thoroughly reviewed by nursing experts and peers to ensure the most accurate content. With practical, fully integrated study support, this edition makes it easier than ever to build the understanding and clinical reasoning essential to providing excellent patient care.

Fundamentals of Computer Programming with C#
Fundamentals of Ethics

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8th International Conference, FCT '91, Gosen, Germany, September 9-13, 1991. Proceedings

FUNDAMENTALS OF BIOCHEMISTRY, CELL BIOLOGY AND BIOPHYSICS - Volume III

Fundamentals of Nursing Enhanced Multi-Media Edition
Textbook with FREE Clinical Companion and Study Guide and Skills Performance Checklists Package

This unique book provides an up-to-date overview of the concepts behind lead-free soldering techniques. Readers will find a description of the physical and mechanical properties of lead-free solders, in addition to lead-free electronics and solder alloys. Additional topics covered include the reliability of lead-free soldering, tin whiskering and electromigration, in

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addition to emerging technologies and research.

Biomechanics applies the principles and rigor of engineering to the mechanical properties of living systems. This book integrates the classic fields of mechanics--statics, dynamics, and strength of materials--using examples from biology and medicine. Fundamentals of Biomechanics is excellent for teaching either undergraduates in biomedical engineering programs or health care professionals studying biomechanics at the graduate level. Extensively revised from a successful first edition, the book features a wealth of clear illustrations, numerous worked examples, and many problem sets. The book provides the quantitative perspective missing from more descriptive texts, without requiring an advanced background

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in mathematics. It will be welcomed for use in courses such as biomechanics and orthopedics, rehabilitation and industrial engineering, and occupational or sports medicine.

It's your complete guide to nursing - from basic concepts to essential skills! Fundamentals of Nursing, 9th Edition prepares you to succeed as a nurse by providing a solid foundation in critical thinking, evidence-based practice, nursing theory, and safe clinical care in all settings. With illustrated, step-by-step guidelines, this book makes it easy to learn important skills and procedures. Care plans are presented within a nursing process framework, and case studies show how to apply concepts to nursing practice. From an expert author team led by Patricia Potter and Anne Griffin

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Perry, this bestselling nursing textbook helps you develop the understanding and clinical reasoning you need to provide excellent patient care. 51 skills demonstrations provide illustrated, step-by-step instructions for safe nursing care - and include rationales for each step. 29 procedural guidelines provide streamlined, step-by-step instructions for performing basic skills. UNIQUE! Critical Thinking Models in each clinical chapter show how to apply the nursing process and critical thinking to achieve successful clinical outcomes. Evidence-Based Practice chapter shows how nursing research helps in determining best practices. UNIQUE! Caring for the Cancer Survivor chapter prepares nurses to care for cancer patients who may still face physical and emotional issues.

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Case studies include unique clinical application questions and exercises, allowing you to practice using care plans and concept maps. The 5-step nursing process provides a consistent framework for care, and is demonstrated in more than 20 care plans. 15 review questions in every chapter test your retention of key concepts, with answers available in the book and on the Evolve companion website. Practical study tools on Evolve include video clips of skills, skills checklists, printable key points, a fluid & electrolytes tutorial, a concept map creator, an audio glossary, and more. UNIQUE! Clear, streamlined writing style makes complex material more approachable. More than 20 concept maps show care planning for clients with multiple nursing diagnoses. Key

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points and key terms in each chapter summarize important content for more efficient review and study. Unexpected Outcomes and Related Interventions for each skill alert you to potential problems and appropriate nursing actions.

Delegation coverage clarifies which tasks can and cannot be delegated. A glossary provides quick access to definitions for all key terms. UPDATED! Patient Safety and Quality chapter describes how quality and safety apply to the nurse, and includes a new skill on fall prevention in healthcare settings.

NEW content addresses the Affordable Care Act, patients' perspectives on hospital care as measured by HCAHPS surveys, health disparities and vulnerable populations, compassion fatigue, pain assessment, patient education

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techniques like teach-back, new equipment, Healthy People 2020, and more. NEW! Additional alternate-item review questions include at least four alternate-item questions - multiple select, sequencing/priority, delegation, hot-spot images, and fill-in-the blank for medications - for every chapter. Expanded Building Competency boxes help you apply QSEN (Quality & Safety Education for Nurses) competencies to realistic clinical situations. UPDATED! Unique Evidence-Based Practice boxes in every chapter include a PICO question - the Problem, Intervention, Comparison, and Outcome - and summarize a research study along with its application to nursing practice. Over 100 NEW photos clarify procedures and familiarize you with the latest clinical

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equipment.

Fundamentals of Heat and Mass Transfer is written as a text book for senior undergraduates in engineering colleges of Indian universities, in the departments of Mechanical, Automobile, Production, Chemical, Nuclear and Aerospace Engineering. The book should also be useful as a reference book for practising engineers for whom thermal calculations and understanding of heat transfer are necessary, for example, in the areas of Thermal Engineering, Metallurgy, Refrigeration and Airconditioning, Insulation etc.

A Modern Coursebook on Free Speech Fundamentals

Fundamentals of Anatomy and Physiology

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Study Guide for Fundamentals of Contemporary Nursing Practice

Fundamentals of Game Design

This money saving package includes the 7th edition of Potter: Fundamentals of Nursing Enhanced Multi-Media Edition (textbook with FREE Clinical Companion), and it also includes the Study Guide and Skills Performance Checklists for Fundamentals of Nursing.

About the Book: Salient features: A number of Complex problems along with the solutions are provided Objective type questions for self-evaluation and better understanding of the

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subject Problems related to the practical aspects of the subject have been worked out Checking the authenticity of dimensional homogeneity in case of all derived equations Validation of numerical solutions by cross checking Plenty of graded exercise problems from simple to complex situations are included Variety of questions have been included for the clear grasping of the basic principles Redrawing of all the figures for more clarity and understanding Radiation shape factor charts and Heisler charts have also been included Essential tables are included The basic topics have been elaborately discussed Presented in a

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more better and fresher way Contents: An Overview of Heat Transfer Steady State Conduction Conduction with Heat Generation Heat Transfer with Extended Surfaces (FINS) Two Dimensional Steady Heat Conduction Transient Heat Conduction Convection Convective Heat Transfer Practical Correlation Flow Over Surfaces Forced Convection Natural Convection Phase Change Processes Boiling, Condensation, Freezing and Melting Heat Exchangers Thermal Radiation Mass Transfer

Are we entitled to be confident that our moral judgements can be objective? Can they express

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insights into aspects of reality, rather than mere feelings, tastes, desires, decisions, upbringing, or conventions? Why must we consider some of our choices to be free, and how do our free choices matter? How far should our moral judgements be based on assessments of expected consequences? Can utilitarianism, and other consequentialist or proportionalist theories, be anything more than the rationalization of positions taken on other grounds? The main theme of this book is the challenge to ethics from philosophical scepticism and from contemporary forms of consequentialism. But in seeking to meet

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this challenge, the book develops a sustained philosophical argument about many of the central questions of ethics. It reviews classical positions, and challenges some long-influential interpretations of those positions. It also reviews and participates in some recent developments and controversies in Anglo-American ethical theory. The activity of ethical theorizing itself is shown to be a matter of free and intelligent decision, in pursuit of intelligible good; it thus provides a test-case for any ethical theory. In this book, the author introduces the concept of unsteady aerodynamics and its underlying

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principles. He provides the readers with a comprehensive review of the fundamental physics of free and forced unsteadiness, the terminology and basic equations of aerodynamics ranging from incompressible flow to hypersonics. The book also covers modern topics related to the developments made in recent years, especially in relation to wing flapping for propulsion. The book is written for graduate and senior year undergraduate students in aerodynamics and also serves as a reference for experienced researchers. Each chapter includes ample examples, questions, problems and relevant

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references. The treatment of these modern topics has been completely revised and expanded for the new edition. It now includes new numerical examples, a section on the ground effect, and state-space representation.

Fundamentals of Lead-Free Solder Interconnect Technology

The Fundamental Holmes

Fundamentals of Nursing Enhanced Multi-Media Edition Textbook with FREE Clinical Companion and Simulation Learning System

*Fundamentals of Modern Unsteady Aerodynamics
Optical Fibre, Waveguides and Free Space*

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This innovative Study Guide helps you develop the critical-thinking and self-reflection skills you need to excel in your classes and on the job. Including a free CD-ROM and a broad range of challenging exercises that make it easier to learn the essential information and techniques discussed in FUNDAMENTALS OF CONTEMPORARY NURSING PRACTICE. (Includes a FREE CD-ROM)

This volume contains selected papers from FCT '91. Topics covered include: semantics and logical concepts, automata and formal languages, computational geometry, complexity, algorithms, and counting and combinatorics.

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WINNER 2009 CHOICE AWARD OUTSTANDING ACADEMIC TITLE! Nanotechnology is no longer a subdiscipline of chemistry, engineering, or any other field. It represents the convergence of many fields, and therefore demands a new paradigm for teaching. This textbook is for the next generation of nanotechnologists. It surveys the field's broad landscape, exploring the physical basics such as nanorheology, nanofluidics, and nanomechanics as well as industrial concerns such as manufacturing, reliability, and safety. The authors then explore the vast range of nanomaterials and systematically outline devices and applications in various

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industrial sectors. This color text is an ideal companion to Introduction to Nanoscience by the same group of esteemed authors. Both titles are also available as the single volume Introduction to Nanoscience and Nanotechnology Qualifying instructors who purchase either of these volumes (or the combined set) are given online access to a wealth of instructional materials. These include detailed lecture notes, review summaries, slides, exercises, and more. The authors provide enough material for both one- and two-semester courses. A comprehensive presentation of essential topics for biological engineers, focusing on the development and

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application of dynamic models of biomolecular and cellular phenomena. This book describes the fundamental molecular and cellular events responsible for biological function, develops models to study biomolecular and cellular phenomena, and shows, with examples, how models are applied in the design and interpretation of experiments on biological systems. Integrating molecular cell biology with quantitative engineering analysis and design, it is the first textbook to offer a comprehensive presentation of these essential topics for chemical and biological engineering. The book systematically develops the concepts necessary to

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understand and study complex biological phenomena, moving from the simplest elements at the smallest scale and progressively adding complexity at the cellular organizational level, focusing on experimental testing of mechanistic hypotheses. After introducing the motivations for formulation of mathematical rate process models in biology, the text goes on to cover such topics as noncovalent binding interactions; quantitative descriptions of the transient, steady state, and equilibrium interactions of proteins and their ligands; enzyme kinetics; gene expression and protein trafficking; network dynamics; quantitative descriptions of growth

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dynamics; coupled transport and reaction; and discrete stochastic processes. The textbook is intended for advanced undergraduate and graduate courses in chemical engineering and bioengineering, and has been developed by the authors for classes they teach at MIT and the University of Minnesota.

Kozier & Erb's Fundamentals of Nursing Australian Edition

The Bulgarian C# Book

Fundamentals of Physical Chemistry for Students of Chemistry and Related Sciences

Fundamentals of Ornamentals Horticulture and

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Landscape Gardening

The Fundamentals of Signal Transmission

This money saving package includes the 7th edition of Potter: Fundamentals of Nursing Enhanced Multi-Media Edition Textbook with FREE Clinical Companion and Simulation Learning System.

Radically enhance your progress in organic synthesis Radical chemistry has undergone a renaissance in recent years. These two volumes will make the key developments accessible to a broad range of organic chemists. They cover both the generation of radicals and their use. The editors, Prof. Louis Fensterbank and Dr. Cyril Ollivier, are experts in radical chemistry and its

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application to organic synthesis. Find out all about the generation and use of radicals The two-volume set describes the fundamentals of radical chemistry and its application in organic synthesis. It includes practical examples of the generation of a variety of organic radicals. You will find critically reviewed, reliable and ready-to-use information on the use of radicals in: "single-electron transfer" "hydrogen-atom transfer" radical functionalization and cross-coupling processes. By understanding the fundamental reactivities of radicals, they can be harnessed for atom-efficient and green reactions.

This book provides the fundamentals of asset management. It takes a practical perspective in describing asset management. Besides the theoretical aspects of investment management, it

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provides in-depth insights into the actual implementation issues associated with investment strategies. The 19 chapters combine theory and practice based on the experience of the authors in the asset management industry. The book starts off with describing the key activities involved in asset management and the various forms of risk in managing a portfolio. There is then coverage of the different asset classes (common stock, bonds, and alternative assets), collective investment vehicles, financial derivatives, common stock analysis and valuation, bond analytics, equity beta strategies (including smart beta), equity alpha strategies (including quantitative/systematic strategies), bond indexing and active bond portfolio strategies, and multi-asset strategies. The methods of using financial derivatives (equity derivatives, interest

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rate derivatives, and credit derivatives) in managing the risks of a portfolio are clearly explained and illustrated.

To create a great video game, you must start with a solid game design: A well-designed game is easier to build, more entertaining, and has a better chance of succeeding in the marketplace. Here to teach you the essential skills of player-centric game design is one of the industry ' s leading authorities, who offers a first-hand look into the process, from initial concept to final tuning. Now in its second edition, this updated classic reference by Ernest Adams offers a complete and practical approach to game design, and includes material on concept development, gameplay design, core mechanics, user interfaces, storytelling, and balancing. In an easy-to-follow approach,

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Adams analyzes the specific design challenges of all the major game genres and shows you how to apply the principles of game design to each one. You ' ll learn how to: Define the challenges and actions at the heart of the gameplay. Write a high-concept document, a treatment, and a full design script. Understand the essentials of user interface design and how to define a game ' s look and feel. Design for a variety of input mechanisms, including the Wii controller and multi-touch iPhone. Construct a game ' s core mechanics and flow of resources (money, points, ammunition, and more). Develop appealing stories, game characters, and worlds that players will want to visit, including persistent worlds. Work on design problems with engaging end-of-chapter exercises, design worksheets, and case studies. Make

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your game accessible to broader audiences such as children, adult women, people with disabilities, and casual players. “ Ernest Adams provides encyclopedic coverage of process and design issues for every aspect of game design, expressed as practical lessons that can be immediately applied to a design in-progress. He offers the best framework I ’ ve seen for thinking about the relationships between core mechanics, gameplay, and player—one that I ’ ve found useful for both teaching and research. ” — Michael Mateas, University of California at Santa Cruz, co-creator of Fa ç ade

Science of Synthesis: Free Radicals: Fundamentals and Applications in Organic Synthesis 2 course guide

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Fundamentals of Durable Reinforced Concrete

Fundamentals of Intracellular Calcium

Fundamentals Of Institutional Asset Management

Durability failures in reinforced concrete structures are wasteful of resources and energy. The introduction to practice of European Standard EN 206-1 represents a significant shift in emphasis on the need to explicitly consider each potential durability threat when specifying and producing concrete. Fundamentals of Durable Reinforced Concrete presents the fundamental aspects of concrete durability including reinforcement corrosion, carbonation, chloride ingress, alkali-aggregate reaction, freeze/thaw damage, sulphate attack, chemical attack, cracking, abrasion and weathering. The

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background to the durability exposure classes in EN 206-1 is also explained. Future directions in performance-based specifications and mathematical modelling of degradation are presented. This book will be of particular interest to specifiers applying the principles of the new European Standard EN 206-1 for the first time, to postgraduate researchers in mathematical modelling of degradation mechanisms, to undergraduates of engineering, architecture and building technology, and students of advanced concrete technology who require a concise source of reference on concrete durability.

Fundamentals of Biochemistry, Cell Biology and Biophysics is a component of Encyclopedia Of Biological, Physiological And Health Sciences in the global Encyclopedia of Life Support

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Systems (EOLSS), which is an integrated compendium of twenty one Encyclopedias. This 3-volume set contains several chapters, each of size 5000-30000 words, with perspectives, issues on. Biological Science Foundations; Organic Chemicals Involved In Life Processes; Carbon Fixation; Anaerobic and Aerobic Respiration; Biochemistry; Inorganic Biochemistry; Soil Biochemistry; Organic Chemistry And Biological Systems -Biochemistry; Eukaryote Cell Biology; Cell Theory, Properties Of Cells And Their Diversity; Cell Morphology And Organization; Cell Nucleus And Chromatin Structure; Organelles And Other Structures In Cell Biology; Mitosis, Cytokines is, Meiosis And Apoptosis; Cell Growth Regulation, Transformation And Metastases; Networks In Cell Biology; Microbiology;

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Prokaryotic Cell Structure And Function; Prokaryotic Diversity; Prokaryote Genetics; Prokaryotic Growth, Nutrition And Physiology; An Introductory Treatise On Biophysics; Mathematical Models In Biophysics. It is aimed at the following five major target audiences: University and College Students, Educators, Professional Practitioners, Research Personnel and Policy Analysts, Managers, and Decision Makers.

The Fundamentals of Signal Transmission presents a discussion of the main forms of signal transmission media. Twisted pair, coaxial line, optical fibre, waveguides and freespace propagation and antennas are covered using a standard format. After a discussion of signals in general, the nature of wave propagation is examined. These fundamentals are then related to the specific

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transmission types. Mathematics is kept as simple as possible and is complemented by ample qualitative explanation; where necessary more detailed mathematics can be found in the appendices. Some knowledge of basic electronic circuit theory and field theory is assumed. Written in an informal and accessible style, 'The Fundamentals of Signal Transmission' provides all undergraduate electronics engineers with a concise overview of electromagnetic signal transmission. Written in an informal and accessible style Provides a concise overview of electromagnetic signal transmission Covers all the main types of signal transmission in one volume

Kozier and Erb's Fundamentals of Nursing prepares students for practice in a range of diverse clinical settings and help them

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understand what it means to be a competent professional nurse in the twenty-first century. This third Australian edition has once again undergone a rigorous review and writing process.

Contemporary changes in the regulation of nursing are reflected in the chapters and the third edition continues to focus on the three core philosophies: Person-centred care, critical thinking and clinical reasoning and cultural safety. Students will develop the knowledge, critical thinking and clinical reasoning skills to deliver care for their patients in ways that signify respect, acceptance, empathy, connectedness, cultural sensitivity and genuine concern.

Fundamentals of American Law

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The definitive text on the key component for cell functions—intracellular calcium This comprehensive book reveals the evidence for intracellular calcium as a universal switch in all animal, plant, fungal and microbial cells. It shows how the components required for calcium signaling are named and classified; covers the technology that has been developed to study intracellular

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calcium; describes how calcium is regulated inside cells and how it works to trigger an event; explains the role of intracellular calcium in disease, cell injury, and cell death; reveals how many drugs work through the calcium signaling system; and demonstrates how intracellular calcium is involved in the action of many natural toxins. The book also illustrates how the intracellular calcium signaling system has evolved over millions of years, showing why it was crucial to the origin of life. Additionally, the book promotes the importance of the molecular variation upon

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which the intracellular calcium signalling system depends. Featuring more than 100 figures (including detailed chemical structures as well as pictures of key pioneers in the field), a bibliography of some 1000 references, and a detailed subject index, this definitive work provides a unique source of scholarship for teachers and researchers in the biomedical sciences and beyond. Emphasizes two key scientific principles—the first to show how intracellular Ca^{2+} acts as a switch, to activate a wide range of cellular events, and the second demonstrating how an analogue

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mechanism can be superimposed on such a process Written by an internationally recognized expert in the field Filled with images and references to facilitate learning Fundamentals of Intracellular Calcium is an all-important text for post-graduate students and researchers working in biomedicine and biochemistry. It is also essential for undergraduate lecturers and their students in physiology, medicine, pharmacy, and the biosciences.

This is a case-based, service user centred textbook for mental health nursing students to use throughout their pre-registration

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studies. The essential theory required for nursing care is explored alongside real service users' views and fictional cases providing excellent transferable skills for practice.

Completely revised and updated, the Second Edition of Fundamentals of Nursing Made Incredibly Easy! presents essential nursing fundamentals in the easy-to-read, fun-to-learn format that is popular with nurses, nursing students, and faculty. The book provides comprehensive coverage of the theoretical foundations of nursing, the nursing process, basic nursing skills,

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physiologic patient care, and the latest nursing concepts, including evidence-based practice and critical thinking. Specific topics covered include oxygenation, self-care and hygiene, mobility and exercise, comfort from pain, rest and sleep, skin integrity, nutrition, and urinary and bowel elimination. Abundant illustrations, call-outs, end-of-chapter quizzes reinforce reading and highlight age-related considerations, risks and complications, and provide tips for documentation and patient-teaching. Fundamentals of Anatomy and Physiology for Nursing and Healthcare Students is a succinct

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but complete overview of the structure and function of the human body, with clinical applications throughout. Designed specifically for nursing and healthcare students, the new edition of this best-selling textbook provides a user-friendly, straightforward, jargon-free introduction to the subject. Key features: Clinical considerations and scenarios throughout showing how the material can be applied to daily practice Featuring over 300 superb full colour illustrations Now includes a boxed feature throughout on medicines management; providing information concerning a variety of

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medicines used in the care and management of people that are related to the body system of the chapter The 'Conditions' feature within each chapter provides you with a list of disorders that are associated with the topics discussed, helping relate theory to practice Each chapter includes learning outcomes, test your knowledge, scenarios, activities and summaries. Includes a list of prefixes and suffixes, as well as normal values, and a glossary of terms Supported by enhanced online resources with fantastic extras for both lecturers and students, including an image bank, online glossary, flashcards,

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interactive multiple choice questions, examples of patient notes, and more This edition is now supported by an accompanying study guide to facilitate the learning and revision of the content within this book:

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For Nursing and Healthcare Students