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[Unconventional Approaches to Fusion](#) Feb 15 2020 The Erice International School of Fusion Reactor Technology held its 1981 course on « Unconventional Approaches to Fusion » in combination with the IAEA Technical Committee meeting on « Critical Analysis of Alternative Fusion Concepts ». The two events took place in the second half of March with an overlap of a few days only. The present proceedings include the first week's papers; those presented during the second week will be summarised in Nuclear Fusion. Right from the beginning of the course, and in particular In R. Carruthers' opening talk, it was clear that an unconventional approach was considered stimulating insofar as its conception presented advantageous aspects with respect to the Tokamak. Indeed the Tokamak was recognized as an « imperfect frame of reference» (K. H. Schmitter) in the sense that, although it deserves to be considered as a frame of reference for the other devices because it is the most advanced in the scientific demonstration of controlled thermonuclear fusion, as a fusion reactor, however, the Tokamak does not seem to be completely satisfactory either from an economic or from an operational point of view, if compared with that « enticing ogre », the proven fission reactor (less enticing to the public). Comparison of a Tokamak reactor with a PWR can be founded on considerations of such a basic nature that it becomes almost automatic to ask how far the various unconventional approaches to fusion are exempt from the Tokamak's drawbacks.

[Annual Conference Proceedings](#) Aug 03 2021

[Physics, Student Solutions Manual](#) Dec 19 2022 Improving the Game When it comes to teaching and learning physics, most pedagogical innovations were pioneered in Cutnell and Johnson's Physics--the number one algebra-based physics text for over a decade. With each new edition of Physics, Cutnell and Johnson have strived to improve the heart of the game--problem solving. Now in their new Seventh Edition, you can expect the same spirit of innovation that has made this text so successful. Here's how the Seventh Edition continues to improve the game! AMP Examples (Analyzing Multi-Concept Problems) These unique new example problems show students how to combine different physics concepts algebraically to solve more difficult problems. AMP examples visually map-out why the different algebraic steps are needed and how to do the steps. GO (Guided Online) Problems in WileyPLUS These new multipart, online tutorial-style problems lead students through the key steps of solving the problems. Student responses to each problem step are recorded in the grade book, so the instructor can evaluate whether the student really has mastered the material. WileyPLUS WileyPLUS provides the technology needed to create an environment where students can reach their full potential and experience the exhilaration of academic success. WileyPLUS gives students access to a complete online version of the text, study resources and problem-solving tutorials, and immediate feedback and context-sensitive help on assignments and quizzes.

WileyPLUS gives instructors homework management tools, lecture presentation resources, an online grade book, and more. Visit www.wiley.com/college/wileyplus or contact your Wiley representative for more information on how to package WileyPLUS with this text.

Critical Thinking: The Art of Argument Jul 14 2022 With a complete, approachable presentation, CRITICAL THINKING: THE ART OF ARGUMENT, 2nd Edition, is an accessible yet rigorous introduction to critical thinking. The text emphasizes immediate application of critical thinking in everyday life and helps students apply the skills they are studying. The relevance of these skills is shown throughout the text by highlighting the advantages of basing one's decisions on a thoughtful understanding of arguments and presenting the overarching commonalities across arguments. With its conversational writing style and carefully selected examples, the book employs a consistent and unified treatment of logical form and an innovative semiformal method of standardizing arguments that illustrates the concept of logical form while maintaining a visible connection to ordinary speech. Without sacrificing accuracy or detail, the authors clearly present the material, with appropriate study tools and exercises that emphasize application rather than memorization. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Thermal Conductance at the Interface of a Solid and Helium II (Kapitza Conductance) May 20 2020

Bulletin ... of Books Added to the Public Library of Detroit, Mich Dec 15 2019

Baustatik - Baupraxis 7 Jul 22 2020 51 papers which succinctly describe the state of the art in the areas: Computational models and techniques; Structural dynamics; Innovative construction materials; Damage simulation and Durability. The papers show the application of innovative methods to practical situations. The spectrum of the single papers ranges from experimental and theoretical investigations of structures subject to dynamic loading (wind, earthquake, church bell ringing, explosions), FE analyses of non-linear structural behaviour, innovative design and analysis concepts for reinforced concrete and steel structures and safety assessment methods with explicit damage evaluation to complex building/foundation models, structural glass and textile span investigations for existing historical steel bridges and optimization aspects.

Critical Currents In Superconductors - Proceedings Of The 7th International Workshop Sep 04 2021 This book contains a collection of essays written in honor of Wolfhart Zimmermann's 80th birthday, most of them based on talks presented at a symposium in his honor. The book shows the unifying force of a subject (Quantum Field Theory) and a person (Zimmermann). It ranges from fundamental questions in quantum physics over applications to particle physics and noncommutative geometry to the latest developments in many body theory and dynamical systems. These key ideas are elucidated by worldwide-recognized experts including Faddeev, Becchi, Buchholz, Lowenstein and Salmhofer. Readers seeking examples on how a subject has evolved, diversified and deepened over the course of several decades and how a single person can influence this process can find here a perfect illustration. Altogether, readers are treated to a high-brow intellectual adventure.

Environmental Physics Apr 11 2022 Environmental Physics is a comprehensive introduction to the physical concepts underlying environmental science. The importance and relevance of physics is emphasised by its application to real environmental problems with a wide range of case studies. Applications included cover energy use and production, global climate, the physics of living things, radioactivity, environmental remote sensing, noise pollution and the physics of the Earth. The book makes the subject accessible to those with little physics background, keeping mathematical treatment straightforward. The text is lively and informative, and is supplemented by numerous illustrations, photos, tables of useful data, and a glossary of key terms.

Physics 7th Edition Volume 2, Chapters 18-32 ULL Feb 21 2023

Condensed-Phase Molecular Spectroscopy and Photophysics Dec 27 2020 An introduction to one of the fundamental tools in chemical research—spectroscopy and photophysics in condensed-phase and extended systems A great deal of modern research in chemistry and materials science involves the interaction of radiation with condensed-phase systems such as molecules in liquids and solids as well as molecules in more complex media, molecular aggregates, metals, semiconductors, and composites. Condensed-Phase Molecular Spectroscopy and Photophysics was developed to fill the need for a textbook that introduces the basics of traditional molecular spectroscopy with a strong emphasis on condensed-phase systems. It also examines optical processes in extended systems such as metals, semiconductors, and conducting polymers, and addresses the unique optical properties of nanoscale systems. Condensed-Phase Molecular Spectroscopy and Photophysics begins with an introduction to quantum mechanics that sets a solid foundation for understanding the text's subsequent topics, including: Electromagnetic radiation and radiation-matter interactions Molecular vibrations and infrared spectroscopy Electronic spectroscopy Photophysical processes and light scattering Nonlinear and pump-probe spectroscopies Electron transfer processes Each chapter contains problems ranging from simple to complex, enabling readers to gradually build their skills and problem-solving abilities. Written for upper-level undergraduate and graduate courses in physical and materials chemistry, this text is uniquely designed to equip readers to solve a broad array of current problems and challenges in chemistry.

Monthly Catalog of United States Government Publications Oct 05 2021

Strange Beauty Nov 25 2020 No contemporary scientist has done more to shape our understanding of the universe than Murray Gell-Mann, the Nobel Prize-winner many consider the most brilliant physicist of his generation. His discoveries of the quark and the Eightfold Way were cornerstones for all that has followed in particle physics, the effort to explain the very stuff of creation. In this first biography of Gell-Mann, George Johnson tells the story of a remarkable life. Born on New York's Lower East Side, Gell-Mann was quickly recognized as a child prodigy. Propelled by an intense boyhood curiosity and a love for nature, he entered Yale at fifteen. By age twenty-three he had ignited a revolution, laying bare in his groundbreaking work the strange beauty of the minute particles that constitute the ultimate components of physical reality. Particle physics is the most competitive of sports, and Johnson shows us the precocious polymath holding his own with giants like Robert Oppenheimer, Enrico Fermi, and Richard Feynman -- Gell-Mann's favorite intellectual sparring partner and sometimes antagonistic rival. We see Gell-Mann the self-taught linguist (who couldn't resist correcting visitors on the pronunciation of their own names); Gell-Mann the birdwatcher and amateur archaeologist; Gell-Mann the Aspen socialite, world traveler, and environmental crusader. We watch him making his scientific breakthroughs, his abrasive, competitive drive leaving behind a growing trail of enemies. The early death of his first wife and a family crisis sent him veering in new directions. Turning from the physics of simple particles, like quarks, he began exploring how complex phenomena like life can be understood scientifically. George Johnson's informed and insightful biography goes far in helping us understand the complexities of both the man and the science in which he has loomed so large.

Current Topics In Physics - Proceedings Of The Inauguration Conference Of The Asia-pacific Center For Theoretical Physics (In 2 Volumes) Oct 13 2019

Physics Oct 17 2022 Improving the Game When it comes to teaching and learning physics, most pedagogical innovations were pioneered in Cutnell and Johnson's *Physics*--the number one algebra-based physics text for over a decade. With each new edition of *Physics*, Cutnell and Johnson have strived to improve the heart of the game--problem solving. Now in their new Seventh Edition, you can expect the same spirit of innovation that has made this text so successful. Here's how the Seventh Edition continues to improve the game! AMP Examples (Analyzing Multi-Concept Problems) These unique new example problems show students how to combine different physics concepts algebraically to solve more difficult problems. AMP examples visually map-out why the different algebraic steps are needed and how to do the steps. GO (Guided Online) Problems in WileyPLUS These new multipart, online tutorial-style problems lead students through the key steps of solving the problems. Student responses to each problem step are recorded in the grade book, so the instructor can evaluate whether the student really has mastered the material. WileyPLUS WileyPLUS provides the technology needed to create an environment where students can reach their full potential and experience the exhilaration of academic success. WileyPLUS gives students access to a complete online version of the text, study resources and problem-solving tutorials, and immediate feedback and context-sensitive help on assignments and quizzes. WileyPLUS gives instructors homework management tools, lecture presentation resources, an online grade book, and more. Visit www.wiley.com/college/wileyplus or contact your Wiley representative for more information on how to package WileyPLUS with this text.

Physics Mar 10 2022 For algebra-based introductory physics courses taken primarily by pre-med, agricultural, technology, and architectural students. This best-selling algebra-based physics text is known for its elegant writing, engaging biological applications, and exactness. *Physics: Principles with Applications*, 6e retains the careful exposition and precision of previous editions with many interesting new applications and carefully crafted new pedagogy. It was written to give students the basic concepts of physics in a manner that is accessible and clear.

Feyerabend's Epistemological Anarchism May 12 2022 This book argues that the traditional image of Feyerabend is erroneous and that, contrary to common belief, he was a great admirer of science. It shows how Feyerabend presented a vision of science that represented how science really works. Besides giving a theoretical framework based on Feyerabend's philosophy of science, the book offers criteria that can help readers to evaluate and understand research reported in important international science education journals, with respect to Feyerabend's epistemological anarchism. The book includes an evaluation of general chemistry and physics textbooks. Most science curricula and textbooks provide the following advice to students: Do not allow theories in contradiction with observations, and all scientific theories must be formulated inductively based on experimental facts. Feyerabend questioned this widely prevalent premise of science education in most parts of the world, and in contrast gave the following advice: Scientists can accept a hypothesis despite experimental evidence to the contrary and scientific theories are not always consistent with all the experimental data. No wonder Feyerabend became a controversial philosopher and was considered to be against rationalism and anti-science. Recent research in philosophy of science, however, has shown that most of Feyerabend's philosophical ideas are in agreement with recent trends in the 21st century. Of the 120 articles from science education journals, evaluated in this

book only 9% recognized that Feyeraabend was presenting a plurality of perspectives based on how science really works. Furthermore, it has been shown that Feyeraabend could even be considered as a perspectival realist. Among other aspects, Feyeraabend emphasized that in order to look for breakthroughs in science one does not have to be complacent about the truth of the theories but rather has to look for opportunities to “break rules” or “violate categories.” Mansoor Niaz carefully analyses references to Feyeraabend in the literature and displays the importance of Feyeraabend’s philosophy in analyzing, historical episodes. Niaz shows through this remarkable book a deep understanding to the essence of science. - Calvin Kalman, Concordia University, Canada In this book Mansoor Niaz explores the antecedents, context and features of Feyeraabend’s work and offers a more-nuanced understanding, then reviews and considers its reception in the science education and philosophy of science literature. This is a valuable contribution to scholarship about Feyeraabend, with the potential to inform further research as well as science education practice.- David Geelan, Griffith University, Australia

Experiments and Demonstrations in Physics Feb 26 2021 Introductory Experiments; Mechanics; Molecular Physics; Electricity and Magnetism; Optics and Atomic Physics; Condensed Matter Physics; Semiconductor Physics; Applied Physics; Nobel Prize Experiments; Student Projects;

Semiconductor Physics Jul 02 2021 This handbook gives a complete and detailed survey of the field of semiconductor physics. It addresses every fundamental principle, the most important research topics and results, as well as conventional and emerging new areas of application. Additionally it provides all essential reference material on crystalline bulk, low-dimensional, and amorphous semiconductors, including valuable data on their optical, transport, and dynamic properties. This updated and extended second edition includes essential coverage of rapidly advancing areas in semiconductor physics, such as topological insulators, quantum optics, magnetic nanostructures and spintronic systems. Richly illustrated and authored by a duo of internationally acclaimed experts in solar energy and semiconductor physics, this handbook delivers in-depth treatment of the field, reflecting a combined experience spanning several decades as both researchers and educators. Offering a unique perspective on many issues, *Semiconductor Physics* is an invaluable reference for physicists, materials scientists and engineers throughout academia and industry.

Plasma Engineering Oct 25 2020

Precalculus, Enhanced Edition Apr 30 2021 Written by David Cohen and co-authors Theodore B. Lee and David Sklar, PRECALCULUS, Seventh Edition, focuses on the use of a graphical perspective to provide a visual understanding of college algebra and trigonometry. Cohen’s texts are known for their clear writing style and outstanding, graded exercises and applications, including many examples and exercises involving applications and real-life data. Graphs, visualization of data, and functions are introduced and emphasized early on to aid student understanding. Although the text provides thorough treatment of the graphing calculator, the material is arranged to allow instructors to teach the course with as much or as little graphing utility work as they wish. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Physics Jan 08 2022 This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Elegant, engaging, exacting, and concise, Giancoli’s *Physics: Principles with Applications*, Seventh Edition, helps you view the world through eyes that know physics. Giancoli’s text is a trusted classic, known for its elegant writing, clear presentation, and quality of content. Using concrete observations and experiences you can relate to, the text features an approach that reflects how science is actually practiced: it starts with the specifics, then moves to the great generalizations and the more formal aspects of a topic to show you why we believe what we believe. Written with the goal of giving you a thorough understanding of the basic concepts of physics in all its aspects, the text uses interesting applications to biology, medicine, architecture, and digital technology to show you how useful physics is to your everyday life and in your future profession.

High-Temperature Measurements of Materials Jun 20 2020 A variety of industries – information technology, aerospace, automobile, and basic and new materials manufacturing – need technological innovations, which bring high-value-added and high-quality products at low cost not only because of global competition, but also because of the perspective of environmental consciousness and regulation. Thermophysical properties of high-temperature melts are indispensable for numerical simulations of material processes such as semiconductor and optical crystal growth of the melt, and casting of super-high-temperature alloys for jet-engine turbine blades, in addition to welding in automobile manufacturing. Recent developments in process modeling provide 3D unsteady analysis of melt convection, temperature, and heat flux distribution, which enables us to predict product quality. In fact, 3D process visualization using computer modeling helps us to understand complicated phenomena occurring in the melt and to control the process. Accurate data are necessary to improve the modeling, which collectively engenders high-quality products. However, crucial obstacles render measurements of thermophysical properties difficult at elevated temperatures because of high chemical reactivity and fluidity of melts. Substantial and persistent challenges have been made to

ascertain the precise thermophysical properties of high-temperature melts. This book describes the new techniques and latest developments in the measurements of atomic structure, density, surface tension, viscosity, heat capacity, thermal and mass diffusivity, thermal conductivity, emissivity, and electrical conductivity of high-temperature melts. In addition to up-to-date improvements in conventional techniques, some new attempts are introduced to open a new scientific field, that is, physics of high-temperature melts.

Physics for Nonphysicists Sep 16 2022 Environmental professionals who look beyond their specialties and acquire knowledge in a variety of sciences not only make solving on-the-job problems easier for themselves, but they also increase their employment opportunities. This fifth book in the 'non-specialist' series provides both professionals and students with a clear, concise overview of the most important aspects of physics in a way that anyone, even those who have never taken a formal physics course, can relate to. Starting with the basic principles of measurement, conversion factors, and math operations, the author explores the topics of motion and force, work and energy, gravity, atoms, heat, sound, light and color, and basic electricity. Each chapter examines the jargon, concepts, key concerns, and applications of physics in action and ends with a chapter review test.

Physics Nov 18 2022 Cutnell and Johnson has been the #1 text in the algebra-based physics market for almost 20 years. PHYSICS 9e continues that tradition by providing superior support students need to facilitate a deeper level of conceptual understanding, improve their reasoning skills and see the relevance of physics to their lives and future careers. Research studies have shown that there is a strong correlation between time on task and student learning gains. PHYSICS 9e with WileyPLUS offers instructors innovative new tools for engaging students. Through the use of a proven pedagogy that includes integrated reading activities, instructors are able to much more effectively monitor student reading and progress, resulting in a higher level of student engagement with the course content. Success in physics is also based on practice. Working high quality problem sets is one of the best ways for students to learn physics. However, to get the greatest benefit from working problems students need immediate feedback and expert coaching. PHYSICS 9e with WileyPLUS offers an extensive and tested set of assessment questions and sophisticated wrong answer feedback. Access to WileyPLUS not included with this textbook. This text features:

- Tools that help students develop a conceptual understanding of physics: Conceptual Examples, Concepts & Calculations, Focus on Concepts homework material, Check Your Understanding questions, Concept Simulations (an online feature), Concepts at a Glance (available on the instructor companion site).
- Features that help students improve their ability to reason in an organized and mathematically correct manner: Explicit reasoning steps in all examples, Reasoning Strategies for solving certain classes of problems, Analyzing Multiple-Concept Problems, homework problems with associated Guided Online (GO) Tutorials, Interactive LearningWare (an online feature), Interactive Solutions (an online features)
- Examples that show students the relevance of physics to their lives: a wide range of applications from everyday physics to modern technology to biomedical applications. There is extensive support for premed and biomedical students including biomedical applications in the text and end of chapter problems marked with a caduceus, practice MCAT exams, and a supplemental book of biomedical applications.

Artificial Satellites and How to Observe Them Jun 01 2021 Every amateur astronomer - and many non-astronomers - will be familiar with seeing a "star" that shows that characteristic steady slide across the starry background of the sky. Artificial satellites can be seen any night, and some as bright as the planets. But how many of us can identify which satellites or spent launch vehicle casing we are seeing? *Artificial Satellites and How to Observe Them* describes all the different satellites that can be observed without optical aid, including of course the International Space Station and the many spy satellites operated by different nations. Richard Schmude looks at them in detail and describes how they can be observed by amateurs, how to recognize them, and even how to predict their orbits. Artificial satellites have changed since the beginning of the millenium. Several additional countries have launched them. And amateur astronomers have utilized digital cameras in order to image satellites to a resolution of about three feet. This book describes how to recognize, observe, and image satellites. Examples of recent images and how they were made are given. It also offers up-to-date descriptions of the many satellites that are orbiting the Earth and other celestial bodies. Readers can learn how satellites impact our day-to-day lives. In short, *Artificial Satellites and How to Observe Them* is a detailed and up-to-date overview of artificial satellites and how to study them in the night sky.

Molecular Physical Chemistry for Engineers Sep 23 2020 This text emphasizes the behaviour of material from the molecular point of view. It is for engineering students who have a background in chemistry and physics and in thermodynamics. A background in calculus and differential equations is assumed. Each chapter includes a vast array of exercises, for which a Student Solutions Manual is also available.

Physics 7th Edition Volume 1 Chapters 1-17 with Physics 7th Edition Volume 2 Chapters 17-32 Set Jan 20 2023

Student Solutions Manual to Accompany Physics 5th Edition Aug 15 2022

The Dialogues Jan 16 2020 A series of conversations about science in graphic form, on subjects that range from the science of cooking to the multiverse. Physicist Clifford

Johnson thinks that we should have more conversations about science. Science should be on our daily conversation menu, along with topics like politics, books, sports, or the latest prestige cable drama. Conversations about science, he tells us, shouldn't be left to the experts. In *The Dialogues*, Johnson invites us to eavesdrop on a series of nine conversations, in graphic-novel form—written and drawn by Johnson—about “the nature of the universe.” The conversations take place all over the world, in museums, on trains, in restaurants, in what may or may not be Freud's favorite coffeehouse. The conversationalists are men, women, children, experts, and amateur science buffs. The topics of their conversations range from the science of cooking to the multiverse and string theory. The graphic form is especially suited for physics; one drawing can show what it would take many words to explain. In the first conversation, a couple meets at a costume party; they speculate about a scientist with superhero powers who doesn't use them to fight crime but to do more science, and they discuss what it means to have a “beautiful equation” in science. Their conversation spills into another chapter (“Hold on, you haven't told me about light yet”), and in a third chapter they exchange phone numbers. Another couple meets on a train and discusses immortality, time, black holes, and religion. A brother and sister experiment with a grain of rice. Two women sit in a sunny courtyard and discuss the multiverse, quantum gravity, and the anthropic principle. After reading these conversations, we are ready to start our own.

Physics, Chapters 1-17 Jun 13 2022 This bestselling book helps readers understand the interrelationships among basic physics concepts and how they fit together to describe our physical world. Real-world physics applications are presented throughout the chapters, including many biomedical applications, to show how physics principles come into play over and over again in our lives. Highlighted Problem Solving Insights sections explain each calculation in detail, guiding readers through the quantitative process. The Concepts at a Glance charts provide a visual representation of the conceptual development of physics principles.

Multiple Representations in Physics Education Dec 07 2021 This volume is important because despite various external representations, such as analogies, metaphors, and visualizations being commonly used by physics teachers, educators and researchers, the notion of using the pedagogical functions of multiple representations to support teaching and learning is still a gap in physics education. The research presented in the three sections of the book is introduced by descriptions of various psychological theories that are applied in different ways for designing physics teaching and learning in classroom settings. The following chapters of the book illustrate teaching and learning with respect to applying specific physics multiple representations in different levels of the education system and in different physics topics using analogies and models, different modes, and in reasoning and representational competence. When multiple representations are used in physics for teaching, the expectation is that they should be successful. To ensure this is the case, the implementation of representations should consider design principles for using multiple representations. Investigations regarding their effect on classroom communication as well as on the learning results in all levels of schooling and for different topics of physics are reported. The book is intended for physics educators and their students at universities and for physics teachers in schools to apply multiple representations in physics in a productive way.

Mechanics of Solids and Materials Aug 23 2020 This 2006 book combines modern and traditional solid mechanics topics in a coherent theoretical framework.

Proceedings Jan 28 2021

Bulletin ... of Books Added to the Public Library of Detroit, Mich Nov 13 2019

Advances in Chemical Physics Feb 09 2022 Volume 109 in the prestigious *Advances in Chemical Physics Series*, edited by Nobel Prize winner Ilya Prigogine, and renowned authority Stuart A. Rice, continues to report recent advances in every area of the discipline. Significant, up-to-date chapters by internationally recognized researchers present comprehensive analyses of subjects of interest and encourage the expression of individual points of view. This approach to presenting an overview of a subject will both stimulate new research and serve as a personalized learning text for beginners in the field.

Monthly Catalogue, United States Public Documents Nov 06 2021

Official Register of the United States Mar 30 2021

NBS Technical Note Apr 18 2020

Introduction to Health Physics: Fourth Edition Mar 18 2020 A dynamic, all-inclusive overview of the field of health physics If it's an important topic in the field of health physics, you'll find it in this trusted text . . . in sections on physical principles, atomic and nuclear structure, radioactivity, biological effects of radiation, and instrumentation. This one-of-a-kind guide spans the entire scope of the field and offers a problem-solving approach that will serve you throughout your career. Features: A thorough overview of need-to-know topics, from a review of physical principles to a useful look at the interaction of radiation with matter Chapter-ending practice problems to solidify your grasp of health physics topics and their real-world application Essential background material on quantitative risk assessment for health-threatening radiation dangers Authoritative

radiation safety and environmental health coverage that supports the International Commission on Radiological Protection's standards for specific populations High-yield appendices to expand your comprehension of chapter material: Values of Some Useful Constants, Table of the Elements, The Reference Person, Specific Absorbed Fraction of Photon Energy, and Total Mass Attenuation Coefficients NEW! Essential coverage of non-ionizing radiation-laser and microwaves, computer use in dose calculation, and dose limit recommendations

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