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Modern Physics Pearson New International Edition *Modern Physics, Second Edition provides a clear, precise, and contemporary introduction to the theory, experiment, and applications of modern physics. Ideal for both physics majors and engineers, this eagerly awaited second edition puts the modern back into modern physics courses. Pedagogical features throughout the text focus the reader on the core concepts and theories while offering optional, more advanced sections, examples, and cutting-edge applications to suit a variety of students and courses. Critically acclaimed for his lucid style, in the second edition, Randy Harris applies the same insights into recent developments in physics, engineering, and technology.* **Modern Physics Addison-Wesley Longman** *Modern Physics, Second Edition provides a clear, precise, and contemporary introduction to the theory, experiment, and applications of modern physics. This eagerly awaited second edition puts the modern back into modern physics courses. Pedagogical features throughout the text focus the reader on the core concepts and theories while offering optional, more advanced sections, examples, and cutting-edge applications to suit a variety of courses. Critically acclaimed for his lucid style, in the second edition, Randy Harris applies the same insights into recent developments in physics, engineering, and technology. Physics at the Turn of the 20th Century, Special Relativity, Waves and Particles I: Electromagnetic Radiation Behaving as Particles, Waves and Particles II: Matter Behaving as Waves, Bound States: Simple Cases, Unbound States: Obstacles, Tunneling and Particle-Wave Propagation, Quantum Mechanics in Three Dimensions and The Hydrogen Atom, Spin and Atomic Physics, Statistical Mechanics, Bonding: Molecules and Solids, Nuclear Physics, Fundamental Particles and Interactions. For all readers interested in modern physics.* **Modern Physics Pearson New International Edition** *Modern Physics, Second Edition provides a clear, precise, and contemporary introduction to the theory, experiment, and applications of modern physics. Ideal for both physics majors and engineers, this eagerly awaited second edition puts the modern back into modern physics courses. Pedagogical features throughout the text focus the reader on the core concepts and theories while offering optional, more advanced sections, examples, and cutting-edge applications to suit a variety of students and courses. Critically acclaimed for his lucid style, in the second edition, Randy Harris applies the same insights into recent developments in physics, engineering, and technology.* **Nonclassical Physics Beyond Newton's View Longman Publishing Group** *Adopting a flexible and contemporary approach, and examining the most relevant and newest topics, this physics text is enhanced by the optional self-contained sections and exercises. It also includes special progress and application sections.* **Photonics and Lasers An Introduction John Wiley & Sons** *An introduction to photonics and lasers that does not rely on complex mathematics This book evolved from a series of courses developed by the author and taught in the areas of lasers and photonics. This thoroughly classroom-tested work fills a unique need for students, instructors, and industry professionals in search of an introductory-level book that covers a wide range of topics in these areas. Comparable books tend to be aimed either too high or too low, or they cover only a portion of the topics that are needed for a comprehensive treatment. Photonics and Lasers is divided into four parts: * Propagation of Light * Generation and Detection of Light * Laser Light * Light-Based Communication The author has ensured that complex mathematics does not become an obstacle to understanding key physical concepts. Physical arguments and explanations are clearly set forth while, at the same time, sufficient mathematical detail is provided for a quantitative understanding. As an additional aid to readers who are learning to think symbolically, some equations are expressed in words as well as symbols. Problem sets are provided throughout the book for readers to test their knowledge and grasp of key concepts. A solutions manual is also available for instructors. Finally, the detailed bibliography leads readers to in-depth explorations of particular topics. The book's topics, lasers and photonics, are often treated separately in other texts; however, the author skillfully demonstrates their natural synergy. Because of the combined coverage, this text can be used for a two-semester course or a one-semester course emphasizing either lasers or photonics. This is a perfect introductory textbook for both undergraduate and graduate students, additionally serving as a practical reference for engineers in telecommunications, optics, and laser electronics.* **The Linguistics Wars Chomsky, Lakoff, and the Battle Over Deep Structure Oxford University Press** *"This book chronicles the history of linguistics from the 1950s rise of Noam Chomsky's Transformational Grammar, in alliance with cognitive psychology and Artificial Intelligence, to the current day. It centers on a highly consequential dispute at a key moment of that rise, the relative importance of structure and meaning. The dispute marks a rupture between what looked to be an approaching Chomskyan hegemony in theory and a flowering of alternate approaches that complement but do not replace his approach, as well as some that advance it in various ways. The rupture was between the theory of Generative Semantics, pushing to include more and more meaning into linguistic theory, and Interpretive Semantics, which resisted that push, putting more and more focus on linguistic structure. But in many ways the dispute can be reduced to George Lakoff, the most prominent voice on the more-meaning side, and Noam Chomsky on the more-structure side. Chomsky is a big personality, quiet and understated but always gesturing at monumental and revolutionary implications for his ideas, never failing to mobilize great numbers of linguists, often with large contingents of psychologists, philosophers, computer scientists, or biologists sharing the enthusiasm as well. Lakoff is also big personality, anything but quiet or understated, equally comfortable gesturing at grand revolutions. So, personalities are central to the dispute and its aftermath, alongside the theories, the data, and the technical developments, with other social currents playing various additional roles, from military and educational funding to the counter-culture movement of the 1960s to the growth of computational technologies, and all of these factors show up in the chronicle, along with a cast of other remarkable and influential characters. Noam Chomsky is unquestionably the most influential linguist of the twentieth century—many people claim of any century—whose work and personal imprint remains powerfully relevant today, so the book ends by an analysis of Chomsky's influence and legacy"--* **Strengthening Forensic Science in the United States A Path Forward National Academies Press** *Scores of talented and dedicated people serve the forensic science community, performing vitally important work. However, they are often constrained by lack of adequate resources, sound policies, and national support. It is clear that change and advancements, both systematic and scientific, are needed in a number of forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application. Strengthening Forensic Science in the United States: A Path Forward provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits of improving and regulating the forensic science disciplines are clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exonerated. Strengthening Forensic Science in the United States gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems and organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators.* **Special Relativity is Nonsense BoD - Books on Demand** *The author deals with a number of concepts that occur within the special theory of relativity. - Derivation of Lorentz transformations - Time dilation - Michelson-Morley experiment, 1887 - Twin Paradox, The twin paradox - The third brother - Apparatus for measuring the absolute velocity in space New i this edition: Published articles The book presents the author's own research on the special theory of relativity. The result of this research shows that the special theory of relativity does not match reality! It contains built-in errors! It is not self-consistent. Special Relativity is Nonsense. **A Universe from Nothing Why There Is Something Rather than Nothing Simon and Schuster** *Bestselling author and acclaimed physicist Lawrence Krauss offers a paradigm-shifting view of how everything that exists came to be in the first place. "Where did the universe come from? What was there before it? What will the future bring? And finally, why is there something rather than nothing?" One of the few prominent scientists today to have crossed the chasm between science and popular culture, Krauss describes the staggeringly beautiful experimental observations and mind-bending new theories that demonstrate not only can something arise from nothing, something will always arise from nothing. With a new preface about the significance of the discovery of the Higgs particle, A Universe from Nothing uses Krauss's characteristic wry humor and wonderfully clear explanations to take us back to the beginning of the beginning, presenting the most recent evidence for how our universe evolved—and the implications for how it's going to end. Provocative, challenging, and delightfully readable, this is a game-changing look at the most basic underpinning of existence and a powerful antidote to outmoded philosophical, religious, and scientific thinking.* **Modern Physics for Scientists and Engineers Univ Science Books** *With more than 100 years of combined teaching experience and PhDs in particle, nuclear, and condensed-matter physics, these three authors could hardly be better qualified to write this introduction to modern physics. They have combined their award-winning teaching skills with their experience writing best-selling textbooks to produce a readable and comprehensive account of the physics that has developed over the last hundred years and led to today's ubiquitous technology. Assuming the knowledge of a typical freshman course in classical physics, they lead the reader through relativity, quantum mechanics, and the most important applications of both of these fascinating theories. For Adopting Professors, a detailed Instructors Manual is also available.* **Empire of Words The Reign of the OED Princeton University Press** *What is the meaning of a word? Most readers turn to the dictionary for authoritative meanings and correct usage. But what is the source of authority in dictionaries? Some dictionaries employ panels of experts to fix meaning and prescribe usage, others rely on derivation through etymology. But perhaps no other dictionary has done more to standardize the English language than the formidable twenty-volume Oxford English Dictionary in its 1989 second edition. Yet this most Victorian of modern dictionaries derives its meaning by citing the earliest known usage of words and by demonstrating shades of meaning through an awesome database of over five million examples of usage in context. In this fascinating study, John Willinsky challenges the authority of this imperial dictionary, revealing many of its inherent prejudices and questioning the assumptions of its ongoing revision. "Clearly, the OED is no simple record of the language `as she is spoke,'" Willinsky writes. "It is a selective representation reflecting certain elusive ideas about the nature of the English language and people. Empire of Words reveals, by statistic and table, incident and anecdote, how serendipitous, judgmental, and telling a task editing a dictionary such as the OED can be." Willinsky analyzes the favored citation records from the three editorial periods of the OED's compilation: the Victorian, imperial first edition; the modern supplement; and the contemporary second edition composed on an electronic database. He reveals shifts in linguistic authority: the original edition relied on English literature and, surprisingly, on translations, reference works, and journalism; the modern editions have shifted emphasis to American sources and periodicals while continuing to neglect women, workers, and other English-speaking countries. Willinsky's dissection of dictionary entries exposes contradictions and ambiguities in the move from citation to definition. He points out that Shakespeare, the most frequently cited authority in the OED, often confounds the dictionary's simple sense of meaning with his wit and artfulness. He shows us how the most famous four-letter words in the language found their way through a belabored editorial process, sweating and grunting, into the supplement to the OED. Willinsky sheds considerable light on how the OED continues to shape the English language through the sometimes idiosyncratic, often biased selection of citations by hired readers and impassioned friends of the language. Anyone who is fascinated with words and language will find Willinsky's tour through the OED a delightful and stimulating experience. No one who reads this book will ever feel quite the same about Murray's web of words.* **Living Jesus Doing what Jesus Says in the Sermon on the Mount ACU Press/Leafwood Publishers** *Jesus says in the Sermon on the Mount, "You are blessed." But does Jesus really expect you to live the hard teachings that follow these blessings? **The Right Stuff Random House** *A wonderful novel and perfect book club choice, The Right Stuff is a wildly vivid and entertaining chronicle of America's early space programme. WITH AN INTRODUCTION BY US ASTRONAUT SCOTT KELLY 'What is it,' asks Tom Wolfe, 'that makes a man willing to sit on top of an enormous Roman Candle...and wait for someone to light the fuse?' Arrogance? Stupidity? Courage? Or, simply, that quality we call 'the right stuff'? A monument to the men who battled to beat the Russians into space, The Right Stuff is a voyage into the mythology of the American space programme, and a dizzying dive into the sweat, fear, beauty and danger of being on the white-hot edge of history in the making. 'Tom Wolfe at his very best... Learned, cheeky, risky, touching, tough, compassionate, nostalgic, worshipful, jingoistic...The Right Stuff is superb' New York Times Book Review **That is why theory of special relativity is nonsense BoD - Books on Demand** *The book presents the author's new evidence that SR is wrong. Among other things, an analysis of k-calculus from the book Introducing Einstein's Relativity by Ray d'Inverno from Oxford University Press is made. The author shows how some researchers use mathematics incorrectly. Mathematics is the queen of science! **The Psychology of Language From Data to Theory Psychology Press** *This thorough revision and update of the popular second edition contains everything the student needs to know about the psychology of language: how we understand, produce, and store language. **Wishful Drinking Simon and Schuster** *'Wishful Drinking is a touching and incisive account of bipolarity, addiction and******

motherhood.' Independent 'No motive is pure. No one is good or bad – but a hearty mix of both. And sometimes life actually gives to you by taking away.' Carrie Fisher in *Wishful Drinking* In *Wishful Drinking*, Carrie Fisher told the true and intoxicating story of her life with inimitable wit. Born to celebrity parents, she was picked to play a princess in a little movie called *Star Wars* when only 19 years old. "But it isn't all sweetness and light sabres." Alas, aside from a demanding career and her role as a single mother (not to mention the hyperspace hairdo), Carrie also spends her free time battling addiction and weathering the wild ride of manic depression. It's an incredible tale: from having Elizabeth Taylor as a stepmother, to marrying (and divorcing) Paul Simon, and from having the father of her daughter leave her for a man, to ultimately waking up one morning and finding a friend dead beside her in bed. Carrie Fisher's star-studded career included roles in numerous films such as *The Blues Brothers* and *When Harry Met Sally*. She was the author of four bestselling novels, *Surrender in the Pink*, *Delusions of Grandma*, *The Best Awful* and *Postcards from the Edge*, which was made into a hit film starring Shirley MacLaine and Meryl Streep. Carrie's experience with addiction and mental illness – and her willingness to talk honestly about them – made her a sought-after speaker and respected advocate. She was truly one of the most magical people to walk among us. Further praise for Carrie Fisher:- [Shockaholic] is the finest, funniest chronicler of the maddest celebrity mores.' *Sunday Times* 'Fisher has a talent for lacerating insight that masquerades as carefree self-deprecation' *Los Angeles Times* 'She is one of the rare inhabitants of La-La Land who can actually write' *New York Times*

Handbook of Physics Springer Science & Business Media *Handbook of Physics* is a veritable toolbox for rapid access to a wealth of physics information for everyday use in problem solving, homework, and examinations. This complete reference includes not only the fundamental formulas of physics but also experimental methods used in practice. **An Engine, Not a Camera How Financial Models Shape Markets MIT Press** In *An Engine, Not a Camera*, Donald MacKenzie argues that the emergence of modern economic theories of finance affected financial markets in fundamental ways. These new, Nobel Prize-winning theories, based on elegant mathematical models of markets, were not simply external analyses but intrinsic parts of economic processes. Paraphrasing Milton Friedman, MacKenzie says that economic models are an engine of inquiry rather than a camera to reproduce empirical facts. More than that, the emergence of an authoritative theory of financial markets altered those markets fundamentally. For example, in 1970, there was almost no trading in financial derivatives such as "futures." By June of 2004, derivatives contracts totaling \$273 trillion were outstanding worldwide. MacKenzie suggests that this growth could never have happened without the development of theories that gave derivatives legitimacy and explained their complexities. MacKenzie examines the role played by finance theory in the two most serious crises to hit the world's financial markets in recent years: the stock market crash of 1987 and the market turmoil that engulfed the hedge fund Long-Term Capital Management in 1998. He also looks at finance theory that is somewhat beyond the mainstream—chaos theorist Benoit Mandelbrot's model of "wild" randomness. MacKenzie's pioneering work in the social studies of finance will interest anyone who wants to understand how America's financial markets have grown into their current form. **Understanding Smart Sensors Artech House** Now in its third edition, *Understanding Smart Sensors* is the most complete, up-to-date, and authoritative summary of the latest applications and developments impacting smart sensors in a single volume. This thoroughly expanded and revised edition of an Artech bestseller contains a wealth of new material, including critical coverage of sensor fusion and energy harvesting, the latest details on wireless technology, and greater emphasis on applications through the book. Utilizing the latest in smart sensor, microelectromechanical systems (MEMS) and microelectronic research and development, Engineers get the technical and practical information they need keep their designs and products on the cutting edge. Providing an extensive variety of information for both technical and non-technical professionals, this easy-to-understand, time-saving book covers current and emergent technologies, as well as their practical implementation. This comprehensive resource also includes an extensive list of smart sensor acronyms and a glossary of key terms. **The Semantics of Science A&C Black** *The Semantics of Science* proposes a radical new rethinking of science and scientific discourse. Roy Harris argues that supercategories such as science, art, religion and history are themselves verbal constructs, and thus language-dependent. Because each supercategory is constructed differently, it is necessary to pay attention to the linguistic process by which a discourse such as 'science' has developed. Through this view it is possible to observe that the function of the supercategory is to integrate what would otherwise be separate activities and enquiries, and the result of this integration is therefore a re-drawing of the intellectual world that society as a whole adopts. In the course of his study of *The Semantics of Science* Roy Harris looks at the history and development of scientific discourse to show through language that what is meant by science has changed since it was first theorised by the Greeks. Harris traces the semantic development of 'science' through the years of the Royal Society to the present day, moving on to an analysis of rhetoric, mathematics, common sense and finally the supercategory of semantics. This lucidly written yet radical new theory on the language of science will be fascinating reading for academics and students researching semantics, semiotics or applied linguistics. **Principles of Quantum Mechanics Springer Science & Business Media** R. Shankar has introduced major additions and updated key presentations in this second edition of *Principles of Quantum Mechanics*. New features of this innovative text include an entirely rewritten mathematical introduction, a discussion of Time-reversal invariance, and extensive coverage of a variety of path integrals and their applications. Additional highlights include: - Clear, accessible treatment of underlying mathematics - A review of Newtonian, Lagrangian, and Hamiltonian mechanics - Student understanding of quantum theory is enhanced by separate treatment of mathematical theorems and physical postulates - Unsurpassed coverage of path integrals and their relevance in contemporary physics The requisite text for advanced undergraduate- and graduate-level students, *Principles of Quantum Mechanics*, Second Edition is fully referenced and is supported by many exercises and solutions. The book's self-contained chapters also make it suitable for independent study as well as for courses in applied disciplines. **The Theory and Practice of Online Learning Athabasca University Press** Neither an academic tome nor a prescriptive 'how to' guide, *The Theory and Practice of Online Learning* is an illuminating collection of essays by practitioners and scholars active in the complex field of distance education. Distance education has evolved significantly in its 150 years of existence. For most of this time, it was an individual pursuit defined by infrequent postal communication. But recently, three more developmental generations have emerged, supported by television and radio, teleconferencing, and computer conferencing. The early 21st century has produced a fifth generation, based on autonomous agents and intelligent, database-assisted learning, that has been referred to as Web 2.0. The second edition of "The Theory and Practice of Online Learning" features updates in each chapter, plus four new chapters on current distance education issues such as connectivism and social software innovations. **Chemical Magic Courier Corporation** Classic guide provides intriguing entertainment while elucidating sound scientific principles, with more than 100 unusual stunts: cold fire, dust explosions, a nylon rope trick, a disappearing beaker, much more. **Elementary Particle Physics An Intuitive Introduction Cambridge University Press** Introduces the fundamentals of particle physics with a focus on modern developments and an intuitive physical interpretation of results. **The Linguistics Wars Oxford University Press** When it was first published in 1957, Noam Chomsky's *Syntactic Structure* seemed to be just a logical expansion of the reigning approach to linguistics. Soon, however, there was talk from Chomsky and his associates about plumb mental structure; then there was a new phonology; and then there was a new set of goals for the field, cutting it off completely from its anthropological roots and hitching it to a new brand of psychology. Rapidly, all of Chomsky's ideas swept the field. While the entrenched linguists were not looking for a messiah, apparently many of their students were. There was a revolution, which colored the field of linguistics for the following decades. Chomsky's assault on Bloomfieldianism (also known as American Structuralism) and his development of Transformational-Generative Grammar was promptly endorsed by new linguistic recruits swelling the discipline in the sixties. Everyone was talking of a scientific revolution in linguistics, and major breakthroughs seemed imminent, but something unexpected happened--Chomsky and his followers had a vehement and public falling out. In *The Linguistic Wars*, Randy Allen Harris tells how Chomsky began reevaluating the field and rejecting the extensions his students and erstwhile followers were making. Those he rejected (the Generative Semanticists) reacted bitterly, while new students began to pursue Chomsky's updated vision of language. The result was several years of infighting against the backdrop of the notoriously prickly sixties. The outcome of the dispute, Harris shows, was not simply a matter of a good theory beating out a bad one. The debates followed the usual trajectory of most large-scale clashes, scientific or otherwise. Both positions changed dramatically in the course of the dispute--the triumphant Chomskyan position was very different from the initial one; the defeated generative semantics position was even more transformed. Interestingly, important features of generative semantics have since made their way into other linguistic approaches and continue to influence linguistics to this very day. And fairly high up on the list of borrowers is Noam Chomsky himself. The repercussions of the *Linguistics Wars* are still with us, not only in the bruised feelings and late-night war stories of the combatants, and in the contentious mood in many quarters, but in the way linguists currently look at language and the mind. Full of anecdotes and colorful portraits of key personalities, *The Linguistics Wars* is a riveting narrative of the course of an important intellectual controversy, and a revealing look into how scientists and scholars contend for theoretical glory. **Digital Design: Principles And Practices, 4/E Pearson Education India** **Field and Wave Electromagnetics Pearson Education India University Physics: Australian edition Pearson Higher Education AU** This book is the product of more than half a century of leadership and innovation in physics education. When the first edition of *University Physics* by Francis W. Sears and Mark W. Zemansky was published in 1949, it was revolutionary among calculus-based physics textbooks in its emphasis on the fundamental principles of physics and how to apply them. The success of *University Physics* with generations of (several million) students and educators around the world is a testament to the merits of this approach and to the many innovations it has introduced subsequently. In preparing this First Australian SI edition, our aim was to create a text that is the future of *Physics Education* in Australia. We have further enhanced and developed *University Physics* to assimilate the best ideas from education research with enhanced problem-solving instruction, pioneering visual and conceptual pedagogy, the first systematically enhanced problems, and the most pedagogically proven and widely used online homework and tutorial system in the world, *Mastering Physics*. **Rules Physics: Technology Update** Were you looking for the book with access to *MasteringPhysics*? This product is the book alone and does NOT come with access to *MasteringPhysics*. Buy the book and access card package to save money on this resource. Walker's goal is to help students make the connection between a conceptual understanding of physics and the various skills necessary to solve quantitative problems. The pedagogy and approach are based on over 20 years of teaching and reflect the results of physics education research. Already one of the best-selling textbooks in algebra-based physics, *The Fourth Edition* strengthens both the conceptual foundations and the tools for problem solving to make the book even better suited to today's students. **The Scientific Sublime Oxford University Press** The sublime evokes our awe, our terror, and our wonder. Applied first in ancient Greece to the heights of literary expression, in the 18th-century the sublime was extended to nature and to the sciences, enterprises that viewed the natural world as a manifestation of God's goodness, power, and wisdom. In *The Scientific Sublime*, Alan Gross reveals the modern-day sublime in popular science. He shows how the great popular scientists of our time--Richard Feynman, Stephen Hawking, Steven Weinberg, Brian Greene, Lisa Randall, Rachel Carson, Stephen Jay Gould, Steven Pinker, Richard Dawkins, and E. O. Wilson--evoke the sublime in response to fundamental questions: How did the universe begin? How did life? How did language? These authors maintain a tradition initiated by Joseph Addison, Edmund Burke, Immanuel Kant, and Adam Smith, towering 18th-century figures who adapted the literary sublime first to nature, then to science--though with one crucial difference: religion has been replaced wholly by science. In a final chapter, Gross explores science's attack on religion, an assault that attempts to sweep permanently under the rug two questions science cannot answer: What is the meaning of life? What is the meaning of the good life? **A Modern Approach to Quantum Mechanics University Science Books** Inspired by Richard Feynman and J.J. Sakurai, *A Modern Approach to Quantum Mechanics* allows lecturers to expose their undergraduates to Feynman's approach to quantum mechanics while simultaneously giving them a textbook that is well-ordered, logical and pedagogically sound. This book covers all the topics that are typically presented in a standard upper-level course in quantum mechanics, but its teaching approach is new. Rather than organizing his book according to the historical development of the field and jumping into a mathematical discussion of wave mechanics, Townsend begins his book with the quantum mechanics of spin. Thus, the first five chapters of the book succeed in laying out the fundamentals of quantum mechanics with little or no wave mechanics, so the physics is not obscured by mathematics. Starting with spin systems it gives students straightforward examples of the structure of quantum mechanics. When wave mechanics is introduced later, students should perceive it correctly as only one aspect of quantum mechanics and not the core of the subject. **Principles of Marketing** An introduction to marketing concepts, strategies and practices with a balance of depth of coverage and ease of learning. *Principles of Marketing* keeps pace with a rapidly changing field, focussing on the ways brands create and capture consumer value. Practical content and linkage are at the heart of this edition. Real local and international examples bring ideas to life and new feature 'linking the concepts' helps students test and consolidate understanding as they go. The latest edition enhances understanding with a unique learning design including revised, integrative concept maps at the start of each chapter, end-of-chapter features summarising ideas and themes, a mix of mini and major case studies to illuminate concepts, and critical thinking exercises for applying skills. **The Year 2017 A Look at What's Coming in Asia iUniverse** *The Year 2017* is a fascinating story folded into an informative perspective on Asia. Everyone must understand where they have been before it is possible to know where they are going. The book blends together the history and culture of the past with the opportunities and challenges for the future. There is a constant weaving of yesterday and tomorrow, good news with bad news. Jack Jamieson, a journalist on his final assignment following a thirty-five year career as a correspondent for an international paper, arrives in Hong Kong on a sultry and polluted June evening in the year 2017. The economic prosperity of China presents extraordinary environmental problems for countries in the region which are downwind or downstream from China's 1.6 billion people. Jamieson is joined by Libby Li, a young Chinese freelance writer whose beauty and charm provide access to the world's leaders. Together they cover the Global Environmental Summit in Hong Kong, civilian unrest as a result of severe drought conditions in northeast China, an armed conflict between Chinese and Korean troops, the leak of top secret U.S. military satellite photographs, the humanitarian shipment of water to victims of the drought and the death of a Korean diplomat. The interrelationship of these events opens the door to the past, present and future of Hong Kong and Asia. **Physics for Scientists and Engineers Addison-Wesley** **Revenge? Redemption? Or Just for Convenience? Dorrance Publishing** *Revenge? Redemption? Or Just for Convenience?* by Randy Harris As the ex-

wives of star athletes and rappers begin to die in mysterious accidents, NYPD Detective Ebony Delaney starts to suspect foul play. Connecting the dots, Delaney uncovers a murder-for-hire plot with one plain motive: Money. As she works to bring down the culprits, she'll face the most difficult case of her career—putting her badge, and her life, on the line. Revenge? Redemption? Or Just for Convenience? is a cautionary tale about greed and the evil things people will do in pursuit of wealth. But, as the murderers begin to realize, there is always a reckoning. **Modern Physics, 2Nd Ed John Wiley & Sons** Modern Physics, 2nd edition is the revision of a modern classic that covers all the major topics in modern physics, including relativity, quantum physics, and their applications. · The Special Theory of Relativity · The Particlelike Properties of Electromagnetic Radiation · The Wavelike Properties of Particles · The Schrödinger Equation · The Rutherford-Bohr Model of the Atom · The Hydrogen Atom in Wave Mechanics · Many-Electron Atoms · Molecular Structure · Statistical Physics · Solid-State Physics · Nuclear Structure and Radioactivity · Nuclear Reactions and Applications · Elementary Particles · Astrophysics and General Relativity · Cosmology: The Origin and Fate of the Universe **Daring Faith Meeting Jesus in the Book of John ACU Press** Discover the daring faith you are called to live out. Randy Harris and Greg Taylor lead you through the pages of the Gospel of John to inspire daring faith in Jesus. The Gospel of John was written so people would believe the unbelievable. This unbelievable story John tells is that God became man and lived among us. These claims got Jesus killed. And ever since, people who believe the claim still lose their lives. If you believe that Jesus is truly God, you believe the most daring idea of all time. Daring faith will cost your life. But along with the risk comes the great reward of becoming children of God. Are you ready for daring faith? **Machines and Mechanisms Applied Kinematic Analysis Prentice Hall** This up-to-date introduction to kinematic analysis ensures relevance by using actual machines and mechanisms throughout. MACHINES & MECHANISMS, 4/e provides the techniques necessary to study the motion of machines while emphasizing the application of kinematic theories to real-world problems. State-of-the-art techniques and tools are utilized, and analytical techniques are presented without complex mathematics. Reflecting instructor and student feedback, this Fourth Edition's extensive improvements include: a new section introducing special-purpose mechanisms; expanded descriptions of kinematic properties; clearer identification of vector quantities through standard boldface notation; new timing charts; analytical synthesis methods; and more. All end-of-chapter problems have been reviewed, and many new problems have been added. **Computer Vision: A Modern Approach International Edition Pearson Higher Ed** Appropriate for upper-division undergraduate- and graduate-level courses in computer vision found in departments of Computer Science, Computer Engineering and Electrical Engineering. This textbook provides the most complete treatment of modern computer vision methods by two of the leading authorities in the field. This accessible presentation gives both a general view of the entire computer vision enterprise and also offers sufficient detail for students to be able to build useful applications. Students will learn techniques that have proven to be useful by first-hand experience and a wide range of mathematical methods.