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University Physics is a widely used physics textbook written by Hugh Young and Roger Freedman, formerly co-authored with Francis Sears and Mark Zemansky. The first edition was published in 1949, and the book has since become one of the most popular introductory textbooks globally, now in its 15th edition.Mastering Physics provides a comprehensive problem-solving approach, offering students instructional support and just-in-time remediation as they work through problems. The eText is linked to every problem, enabling seamless integration with homework, practice problems, textbook, worked examples, and more. This fully integrated experience personalizes the learning process, improving results for each student. Roger A. Freedman, a renowned physicist, serves as the lecturer for this course, bringing extensive expertise in nuclear physics, elementary particle physics, and laser physics.Hugh Young acquired a PhD in fundamental particle theory under the supervision of the late Richard Cutkosky. He joined Carnegie Mellon's faculty in 1956 and retired in 2004, with additional visiting professorships at the University of California, Berkeley. Young focused exclusively on undergraduate education throughout his career, producing several undergraduate textbooks and collaborating with Francis Sears and Mark Zemansky on their well-known introductory textbook series starting from 1973. Notably, he was a co-author for both Sears and Zemansky's University Physics and authored Sears and Zemansky's College Physics. Lewis Ford is a Professor of Physics at Texas A&M University, having received his B.A. from Rice University in 1968 and a Ph.D. in chemical physics from the University of Texas at Austin in 1972. After completing a one-year postdoctoral position at Harvard University, Ford joined Texas A&M's physics faculty in 1973 and has remained there since, specializing in theoretical atomic physics with a focus on atomic collisions. At Texas AM, he primarily taught introductory physics courses to both undergraduate and graduate students. The Mastering platform is designed to engage science and engineering students through active, immersive experiences that include tutorials, real-time analytics, hints, and feedback. This allows professors to replicate office-hours visits and better prepare learners for the challenges of today and tomorrow within a single interface. Pearson+ provides instant access to eTextbooks, videos, and study tools in one intuitive space, where students can choose their preferred learning methods with enhanced search capabilities, audio, and flashcards. The Pearson+ app enables students to read on-the-go without needing wi-fi, accessible either through a subscription or MyLab or Mastering courses. University Physics, informally known as Sears & Zemansky, is a two-volume physics textbook written by Hugh Young and Roger Freedman. Initially published by Mark Zemansky and Francis Sears in 1949, it has become one of the most widely used introductory textbooks worldwide, with its 15th edition currently available.The University Physics textbook has been updated to its 15th edition, incorporating insights from faculty and students to improve problem-solving skills. This calculus-based physics course aims to help students recognize patterns and connections between different problem types. The new edition features Key Concept statements and Guided Practice sections to assist students in identifying underlying principles and strategies. Mastering Physics provides a fully integrated problem-solving approach, offering instructional support and remediation as needed. The eText is linked to every problem within Mastering, allowing for seamless integration between homework, practice problems, and textbook content. This standalone product does not include Mastering Physics, but it can be purchased separately to provide a personalized learning experience.Mastering Physics is available for purchase, and instructors can obtain the correct package ISBN and Course ID from their Pearson representative. If you're interested in buying both physical text and Mastering Physics, use the ISBNs: 0135205891 / 9780135205891 for University Physics with Modern Physics (Loose-Leaf Plus Mastering Physics) or search for package code 013498868X / 9780134988689 for Mastering Physics with Pearson eText -- ValuePack Access Card.Roger A. Freedman is a physics lecturer at the University of California, Santa Barbara, and has taught in both the Department of Physics and College of Creative Studies. He holds a Ph.D. in nuclear theory from Stanford University and has published research on nuclear physics, elementary particle physics, and laser physics. Freedman aims to make physics lectures more interactive using classroom response systems and pre-lecture videos.Freedman's background includes working as a comic book letterer in the 1970s and helping organize the San Diego Comic-Con. In his free time, he enjoys flying with his commercial pilot's license or supporting his wife, Caroline, at UCSB Men's and Women's Crew rowing events.In Memoriam: Hugh Young was Emeritus Professor of Physics at Carnegie Mellon University, where he wrote several undergraduate-level textbooks and co-authored Sears and Zemansky's popular introductory textbooks. Young also earned a bachelor's degree in organ performance from Carnegie Mellon in 1972 and spent time as Associate Organist at St. Paul's Cathedral in Pittsburgh.Founded by a graduate student who later received guidance from Dr. Young, his wife Alice hosted up to 50 students yearly for Thanksgiving dinners at their home, where they always showed gratitude and appreciation. Dr. Young expressed thanks sincerely: "I want to thank my Carnegie Mellon colleagues, like Professors Robert Kraemer and Ruth Chabay, for their support during the book's writing. I'm also thankful to the university's many generations of students who helped me learn good teaching and writing methods by showing what works." He acknowledged his wife Alice and kids Gretchen and Rebecca for their love and support during the book's creation. Dr. Young stated that people should be blessed with such loving relationships. Pearson appreciated Dr. Young's professionalism, kindness, and collaboration.Lewis Ford is a physics professor at Texas A&M University. He received his B.A. from Rice University in 1968 and Ph.D. in chemical physics from the University of Texas at Austin in 1972. After a one-year postdoc at Harvard, he joined Texas A&M's faculty in 1973 and primarily taught introductory physics courses. Ford specializes in theoretical atomic physics, focusing on atomic collisions.This introductory physics textbook emphasizes model building for problem analysis and understanding nature through a physicist's approach. It includes the latest research findings.Goldsmith is a fantastic textbook for anyone who wants to dive deeper into physics beyond the traditional introductory courses. With its clear explanations and engaging examples, it's perfect for students struggling with pre-requisite classes or those looking to strengthen their understanding of quantum physics and QED. This book covers complex topics like electromagnetics in a way that's easy to grasp, making it an excellent resource for engineering students. Its vector-focused approach sets it apart from other texts, and the authors' ability to simplify complicated concepts is impressive.Given the mixed reviews and varying opinions on Uni Physics, it seems that many students found the book to be a solid textbook for their first-year studies. While some praised its comprehensive coverage and clear explanations, others noted subtle errors in worked examples and questions. The book's strength lies in its ability to provide a detailed discussion of various physics topics, making it suitable for undergraduate students. However, some critics felt that the book could have delved deeper into certain subjects and provided more advanced details. Despite these limitations, Uni Physics remains a helpful revision aid and a fitting conclusion to one student's physics career.Me bas en el libro de Zemansky y Young (sexta edicin) durante todo mi curso de Fsica I, II y III. Lo utilic hasta el captulo 9 y fue especialmente til para los temas de cinemtica, dinmica y conservacin de la energa. En Fsica II, lo aprovech para los fundamentos de termodinmica y transferencia de calor. Despus, en Fsica III, me sirvi para circuitos elctricos, campos magnticos y fenmenos relacionados con la luz.Aunque es un libro algo anticuado, muchos de los ejercicios propuestos aparecen resueltos en ediciones posteriores. Aprend como se haca antes: con el libro y sin ms recursos que mi propio esfuerzo. En este momento estoy leyendo desde el captulo 1 hasta el 14, luego 15, 16, 18 para mi clase de Mecnica I. Luego voy a seguir con los captulos 21-36 para mi clase de Electromagnetismo. Este libro es muy claro en Matemticas y motiva la intuicin fsica. Sin embargo, creo que los problemas no son complejos lo suficiente y hay momentos en que se ignora el rigor fsico para darte una frmula con la que puedes "abusoar" al resolver problemas. Es un buen libro de inicio para estudiantes de Fsica ya que es uno de los libros ms suaves a este nivel.

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