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Autore	Adelman Jeremy
Titolo	Worldly philosopher [[electronic resource] ] : the odyssey of Albert O. Hirschman // Jeremy Adelman
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Sommario/riassunto	"Worldly Philosopher chronicles the times and writings of Albert O. Hirschman, one of the twentieth century's most original and provocative thinkers. In this gripping biography, Jeremy Adelman tells the story of a man shaped by modern horrors and hopes, a worldly intellectual who fought for and wrote in defense of the values of tolerance and change. Born in Berlin in 1915, Hirschman grew up amid the promise and turmoil of the Weimar era, but fled Germany when the Nazis seized power in 1933. Amid hardship and personal tragedy, he volunteered to fight against the fascists in Spain and helped many of

Europe's leading artists and intellectuals escape to America after France fell to Hitler. His intellectual career led him to Paris, London, and Trieste, and to academic appointments at Columbia, Harvard, and the Institute for Advanced Study in Princeton. He was an influential adviser to governments in the United States, Latin America, and Europe, as well as major foundations and the World Bank. Along the way, he wrote some of the most innovative and important books in economics, the social sciences, and the history of ideas. Throughout, he remained committed to his belief that reform is possible, even in the darkest of times. This is the first major account of Hirschman's remarkable life, and a tale of the twentieth century as seen through the story of an astute and passionate observer. Adelman's riveting narrative traces how Hirschman's personal experiences shaped his unique intellectual perspective, and how his enduring legacy is one of hope, open-mindedness, and practical idealism"--

2. Record Nr.	UNINA9910153118203321
Autore	Young Hugh D.
Titolo	University physics with modern physics // Hugh D. Young, Roger A. Freedman, A. Lewis Ford
Pubbl/distr/stampa	Harlow, England : , : Pearson, , [2014] Â©2014
ISBN	1-292-03508-0
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Descrizione fisica	1 online resource (996 pages) : color illustrations, photographs
Collana	Always Learning
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Note generali	Includes index.
Nota di contenuto	Cover -- Table of Contents -- Preface -- 1. Units, Physical Quantities, and Vectors -- 1. The Nature of Physics -- 2. Solving Physics Problems -- 3. Standards and Units -- 4. Unit Consistency and Conversion -- 5. Uncertainty and Significant Figures -- 6. Estimates and Orders of Magnitude -- 7. Vectors and Vector Addition -- 8. Components of Vectors -- 9. Unit Vectors -- 10. Products of Vectors -- Chapter

Summary -- Problem Set (13/e): Units, Physical Quantities, and Vectors  
 -- 2. Motion Along a Straight Line -- 1. Displacement, Time, and Average Velocity -- 2. Instantaneous Velocity -- 3. Average and Instantaneous Acceleration -- 4. Motion with Constant Acceleration -- 5. Freely Falling Bodies -- 6. Velocity and Position by Integration -- Chapter Summary -- Problem Set (13/e): Motion Along a Straight Line -- 3. Motion in Two or Three Dimensions -- 1. Position and Velocity Vectors -- 2. The Acceleration Vector -- 3. Projectile Motion -- 4. Motion in a Circle -- 5. Relative Velocity -- Chapter Summary -- Problem Set (13/e): Motion in Two or Three Dimensions -- 4. Newton's Laws of Motion -- 1. Force and Interactions -- 2. Newton's First Law -- 3. Newton's Second Law -- 4. Mass and Weight -- 5. Newton's Third Law -- 6. Free-Body Diagram -- Chapter Summary -- Problem Set (13/e): Newton's Laws of Motion -- 5. Applying Newton's Laws -- 1. Using Newton's First Law: Particles in Equilibrium -- 2. Using Newton's Second Law: Dynamics of Particles -- 3. Frictional Forces -- 4. Dynamics of Circular Motion -- 5. The Fundamental Forces of Nature -- Chapter Summary -- Problem Set (13/e): Applying Newton's Laws -- 6. Work and Kinetic Energy -- 1. Work -- 2. Kinetic Energy and the Work-Energy Theorem -- 3. Work and Energy with Varying Forces -- 4. Power -- Chapter Summary -- Problem Set (13/e): Work and Kinetic Energy -- 7. Potential Energy and Energy Conservation. 1. Gravitational Potential Energy -- 2. Elastic Potential Energy -- 3. Conservative and Nonconservative Forces -- 4. Force and Potential Energy -- 5. Energy Diagrams -- Chapter Summary -- Problem Set (13/e): Potential Energy and Energy Conservation -- 8. Momentum, Impulse, and Collisions -- 1. Momentum and Impulse -- 2. Conservation of Momentum -- 3. Momentum Conservation and Collisions -- 4. Elastic Collisions -- 5. Center of Mass -- 6. Rocket Propulsion -- Chapter Summary -- Problem Set (13/e): Momentum, Impulse, and Collisions -- 9. Rotation of Rigid Bodies -- 1. Angular Velocity and Acceleration -- 2. Rotation with Constant Angular Acceleration -- 3. Relating Linear and Angular Kinematics -- 4. Energy in Rotational Motion -- 5. Parallel-Axis Theorem -- 6. Moment-of-Inertia Calculations -- Chapter Summary -- Problem Set (13/e): Rotation of Rigid Bodies -- 10. Dynamics of Rotational Motion -- 1. Torque -- 2. Torque and Angular Acceleration for a Rigid Body -- 3. Rigid-Body Rotation About a Moving Axis -- 4. Work and Power in Rotational Motion -- 5. Angular Momentum -- 6. Conservation of Angular Momentum -- 7. Gyroscopes and Precession -- Chapter Summary -- Problem Set (13/e): Dynamics of Rotational Motion -- 11. Equilibrium and Elasticity -- 1. Conditions for Equilibrium -- 2. Center of Gravity -- 3. Solving Rigid-Body Equilibrium Problems -- 4. Stress, Strain, and Elastic Moduli -- 5. Elasticity and Plasticity -- Chapter Summary -- Problem Set (13/e): Equilibrium and Elasticity -- 12. Fluid Mechanics -- 1. Density -- 2. Pressure in a Fluid -- 3. Buoyancy -- 4. Fluid Flow -- 5. Bernoulli's Equation -- 6. Viscosity and Turbulence -- Chapter Summary -- Problem Set (13/e): Fluid Mechanics -- 13. Gravitation -- 1. Newton's Law of Gravitation -- 2. Weight -- 3. Gravitational Potential Energy -- 4. The Motion of Satellites. 5. Kepler's Laws and the Motion of Planets -- 6. Spherical Mass Distributions -- 7. Apparent Weight and the Earth's Rotation -- 8. Black Holes -- Chapter Summary -- Problem Set (13/e): Gravitation -- 14. Periodic Motion -- 1. Describing Oscillation -- 2. Simple Harmonic Motion -- 3. Energy in Simple Harmonic Motion -- 4. Applications of Simple Harmonic Motion -- 5. The Simple Pendulum -- 6. The Physical Pendulum -- 7. Damped Oscillations -- 8. Forced Oscillations and Resonance -- Chapter Summary -- Problem Set (13/e): Periodic Motion

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## Sommario/riassunto

University Physics with Modern Physics, Technology Update, Thirteenth Edition continues to set the benchmark for clarity and rigor combined with effective teaching and research-based innovation. The Thirteenth Edition Technology Update contains QR codes throughout the textbook, enabling students to use their smartphone or tablet to instantly watch interactive videos about relevant

demonstrations or problem-solving strategies. University Physics is known for its uniquely broad, deep, and thoughtful set of worked examples-key tools for developing both physical understanding and problem-solving skills. The Thirteenth Edition revises all the Examples and Problem-solving Strategies to be more concise and direct while maintaining the Twelfth Edition's consistent, structured approach and strong focus on modeling as well as math. To help students tackle challenging as well as routine problems, the Thirteenth Edition adds Bridging Problems to each chapter, which pose a difficult, multiconcept problem and provide a skeleton solution guide in the form of questions and hints. The text's rich problem sets-developed and refined over six decades-are upgraded to include larger numbers of problems that are biomedically oriented or require calculus. The problem-set revision is driven by detailed student-performance data gathered nationally through MasteringPhysics®, making it possible to fine-tune the reliability, effectiveness, and difficulty of individual problems. Complementing the clear and accessible text, the figures use a simple graphic style that focuses on the physics. They also incorporate explanatory annotations-a technique demonstrated to enhance learning. This package consists of: University Physics with Modern Physics Technology Update, Volume 1 (Chapters 1-20), Thirteenth Edition.

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