

Detailed Licensing

Overview

Title: Physics (Boundless)

Webpages: 207

All licenses found:

- [Undeclared](#): 99% (205 pages)
- [CC BY-SA 4.0](#): 1% (2 pages)

By Page

- [Physics \(Boundless\) - Undeclared](#)
 - [Front Matter - Undeclared](#)
 - [TitlePage - Undeclared](#)
 - [InfoPage - Undeclared](#)
 - [Table of Contents - Undeclared](#)
 - [Licensing - Undeclared](#)
 - [1: The Basics of Physics - Undeclared](#)
 - [1.1: The Basics of Physics - Undeclared](#)
 - [1.2: Units - Undeclared](#)
 - [1.3: Significant Figures and Order of Magnitude - Undeclared](#)
 - [1.4: Solving Physics Problems - Undeclared](#)
 - [2: Kinematics - Undeclared](#)
 - [2.1: Basics of Kinematics - Undeclared](#)
 - [2.2: Speed and Velocity - Undeclared](#)
 - [2.3: Acceleration - Undeclared](#)
 - [2.4: Problem-Solving for Basic Kinematics - Undeclared](#)
 - [2.5: Free-Falling Objects - Undeclared](#)
 - [3: Two-Dimensional Kinematics - Undeclared](#)
 - [3.1: Motion in Two Dimensions - Undeclared](#)
 - [3.2: Vectors - Undeclared](#)
 - [3.3: Projectile Motion - Undeclared](#)
 - [3.4: Multiple Velocities - Undeclared](#)
 - [4: The Laws of Motion - Undeclared](#)
 - [4.1: Introduction - Undeclared](#)
 - [4.2: Force and Mass - Undeclared](#)
 - [4.3: Newton's Laws - Undeclared](#)
 - [4.4: Other Examples of Forces - Undeclared](#)
 - [4.5: Problem-Solving - Undeclared](#)
 - [4.6: Vector Nature of Forces - Undeclared](#)
 - [4.7: Further Applications of Newton's Laws - Undeclared](#)
 - [5: Uniform Circular Motion and Gravitation - Undeclared](#)
 - [5.1: Introduction to UCM and Gravitation - Undeclared](#)
 - [5.2: Non-Uniform Circular Motion - Undeclared](#)
 - [5.3: Velocity, Acceleration, and Force - Undeclared](#)
 - [5.4: Types of Forces in Nature - Undeclared](#)
 - [5.5: Newton's Law of Universal Gravitation - Undeclared](#)
 - [5.6: Kepler's Laws - Undeclared](#)
 - [5.7: Gravitational Potential Energy - Undeclared](#)
 - [5.8: Energy Conservation - CC BY-SA 4.0](#)
 - [5.9: Angular vs. Linear Quantities - Undeclared](#)
 - [6: Work and Energy - CC BY-SA 4.0](#)
 - [6.1: Introduction - Undeclared](#)
 - [6.2: Work Done by a Constant Force - Undeclared](#)
 - [6.3: Work Done by a Variable Force - Undeclared](#)
 - [6.4: Work-Energy Theorem - Undeclared](#)
 - [6.5: Potential Energy and Conservation of Energy - Undeclared](#)
 - [6.6: Power - Undeclared](#)
 - [6.7: CASE STUDY: World Energy Use - Undeclared](#)
 - [6.8: Further Topics - Undeclared](#)
 - [7: Linear Momentum and Collisions - Undeclared](#)
 - [7.1: Introduction - Undeclared](#)
 - [7.2: Conservation of Momentum - Undeclared](#)
 - [7.3: Collisions - Undeclared](#)
 - [7.4: Rocket Propulsion - Undeclared](#)
 - [7.5: Center of Mass - Undeclared](#)
 - [8: Static Equilibrium, Elasticity, and Torque - Undeclared](#)
 - [8.1: Introduction - Undeclared](#)
 - [8.2: Conditions for Equilibrium - Undeclared](#)
 - [8.3: Stability - Undeclared](#)
 - [8.4: Solving Statics Problems - Undeclared](#)
 - [8.5: Applications of Statics - Undeclared](#)
 - [8.6: Elasticity, Stress, Strain, and Fracture - Undeclared](#)
 - [8.7: The Center of Gravity - Undeclared](#)
 - [8.8: Torque and Angular Acceleration - Undeclared](#)
 - [9: Rotational Kinematics, Angular Momentum, and Energy - Undeclared](#)

- 9.1: Quantities of Rotational Kinematics - *Undeclared*
- 9.2: Angular Acceleration - *Undeclared*
- 9.3: Rotational Kinematics - *Undeclared*
- 9.4: Dynamics - *Undeclared*
- 9.5: Rotational Kinetic Energy - *Undeclared*
- 9.6: Conservation of Angular Momentum - *Undeclared*
- 9.7: Vector Nature of Rotational Kinematics - *Undeclared*
- 9.8: Problem Solving - *Undeclared*
- 9.9: Linear and Rotational Quantities - *Undeclared*
- 9.10: Conservation of Energy - *Undeclared*
- 10: Fluids - *Undeclared*
 - 10.1: Introduction - *Undeclared*
 - 10.2: Density and Pressure - *Undeclared*
 - 10.3: Archimedes' Principle - *Undeclared*
 - 10.4: Cohesion and Adhesion - *Undeclared*
 - 10.5: Fluids in Motion - *Undeclared*
 - 10.6: Deformation of Solids - *Undeclared*
- 11: Fluid Dynamics and Its Applications - *Undeclared*
 - Front Matter - *Undeclared*
 - TitlePage - *Undeclared*
 - InfoPage - *Undeclared*
 - 11.1: Overview - *Undeclared*
 - 11.2: Flow in Tubes - *Undeclared*
 - 11.3: Bernoulli's Equation - *Undeclared*
 - 11.4: Other Applications - *Undeclared*
 - Back Matter - *Undeclared*
 - Index - *Undeclared*
- 12: Temperature and Kinetic Theory - *Undeclared*
 - 12.1: Introduction - *Undeclared*
 - 12.2: Temperature and Temperature Scales - *Undeclared*
 - 12.3: Thermal Expansion - *Undeclared*
 - 12.4: Ideal Gas Law - *Undeclared*
 - 12.5: Kinetic Theory - *Undeclared*
 - 12.6: Phase Changes - *Undeclared*
 - 12.7: The Zeroth Law of Thermodynamics - *Undeclared*
 - 12.8: Thermal Stresses - *Undeclared*
 - 12.9: Diffusion - *Undeclared*
- 13: Heat and Heat Transfer - *Undeclared*
 - 13.1: Introduction - *Undeclared*
 - 13.2: Specific Heat - *Undeclared*
 - 13.3: Phase Change and Latent Heat - *Undeclared*
 - 13.4: Methods of Heat Transfer - *Undeclared*
 - 13.5: Global Warming - *Undeclared*
 - 13.6: Phase Equilibrium - *Undeclared*
- 14: Thermodynamics - *Undeclared*
 - 14.1: Introduction - *Undeclared*
 - 14.2: The First Law of Thermodynamics - *Undeclared*
 - 14.3: The Second Law of Thermodynamics - *Undeclared*
 - 14.4: Entropy - *Undeclared*
 - 14.5: The Third Law of Thermodynamics - *Undeclared*
- 15: Waves and Vibrations - *Undeclared*
 - 15.1: Introduction - *Undeclared*
 - 15.2: Hooke's Law - *Undeclared*
 - 15.3: Periodic Motion - *Undeclared*
 - 15.4: Damped and Driven Oscillations - *Undeclared*
 - 15.5: Waves - *Undeclared*
 - 15.6: Wave Behavior and Interaction - *Undeclared*
 - 15.7: Waves on Strings - *Undeclared*
- 16: Sound - *Undeclared*
 - 16.1: Introduction - *Undeclared*
 - 16.2: Sound Intensity and Level - *Undeclared*
 - 16.3: Doppler Effect and Sonic Booms - *Undeclared*
 - 16.4: Interactions with Sound Waves - *Undeclared*
 - 16.5: Further Topics - *Undeclared*
- 17: Electric Charge and Field - *Undeclared*
 - 17.1: Overview - *Undeclared*
 - 17.2: Shielding and Charging Through Induction - *Undeclared*
 - 17.3: Coulomb's Law - *Undeclared*
 - 17.4: The Electric Field Revisited - *Undeclared*
 - 17.5: Electric Flux and Gauss's Law - *Undeclared*
 - 17.6: Applications of Electrostatics - *Undeclared*
- 18: Electric Potential and Electric Field - *Undeclared*
 - 18.1: Overview - *Undeclared*
 - 18.2: Equipotential Surfaces and Lines - *Undeclared*
 - 18.3: Point Charge - *Undeclared*
 - 18.4: Capacitors and Dielectrics - *Undeclared*
 - 18.5: Applications - *Undeclared*
- 19: Electric Current and Resistance - *Undeclared*
 - 19.1: Overview - *Undeclared*
 - 19.2: Electric Current - *Undeclared*
 - 19.3: Resistance and Resistors - *Undeclared*
 - 19.4: Electric Power and Energy - *Undeclared*
 - 19.5: Alternating Currents - *Undeclared*
 - 19.6: Electricity in the World - *Undeclared*
- 20: Circuits and Direct Currents - *Undeclared*
 - 20.1: Overview - *Undeclared*
 - 20.2: Resistors in Series and Parallel - *Undeclared*
 - 20.3: Kirchhoff's Rules - *Undeclared*
 - 20.4: Voltmeters and Ammeters - *Undeclared*
 - 20.5: RC Circuits - *Undeclared*
- 21: Magnetism - *Undeclared*

- 21.1: Magnetism and Magnetic Fields - *Undeclared*
- 21.2: Magnets - *Undeclared*
- 21.3: Magnetic Force on a Moving Electric Charge - *Undeclared*
- 21.4: Motion of a Charged Particle in a Magnetic Field - *Undeclared*
- 21.5: Magnetic Fields, Magnetic Forces, and Conductors - *Undeclared*
- 21.6: Applications of Magnetism - *Undeclared*
- 22: Induction, AC Circuits, and Electrical Technologies - *Undeclared*
 - 22.1: Magnetic Flux, Induction, and Faraday's Law - *Undeclared*
 - 22.2: AC Circuits - *Undeclared*
 - 22.3: Applications of Induction and EM Waves - *Undeclared*
 - 22.4: Magnetic Fields and Maxwell Revisited - *Undeclared*
- 23: Electromagnetic Waves - *Undeclared*
 - 23.1: The Electromagnetic Spectrum - *Undeclared*
 - 23.2: Electromagnetic Waves and their Properties - *Undeclared*
 - 23.3: Applications of EM Waves - *Undeclared*
- 24: Geometric Optics - *Undeclared*
 - 24.1: Overview - *Undeclared*
 - 24.2: Reflection, Refraction, and Dispersion - *Undeclared*
 - 24.3: Lenses - *Undeclared*
 - 24.4: Mirrors - *Undeclared*
- 25: Vision and Optical Instruments - *Undeclared*
 - 25.1: The Human Eye - *Undeclared*
 - 25.2: Other Optical Instruments - *Undeclared*
- 26: Wave Optics - *Undeclared*
 - 26.1: Superposition and Interference - *Undeclared*
 - 26.2: Diffraction - *Undeclared*
 - 26.3: Further Topics - *Undeclared*
 - 26.4: Applications of Wave Optics - *Undeclared*
- 27: Special Relativity - *Undeclared*
 - 27.1: Introduction - *Undeclared*
 - 27.2: Consequences of Special Relativity - *Undeclared*
 - 27.3: Relativistic Quantities - *Undeclared*
 - 27.4: Implications of Special Relativity - *Undeclared*
- 28: Introduction to Quantum Physics - *Undeclared*
 - 28.1: History and Quantum Mechanical Quantities - *Undeclared*
 - 28.2: Applications of Quantum Mechanics - *Undeclared*
- 29: Atomic Physics - *Undeclared*
 - 29.1: Overview - *Undeclared*
 - 29.2: The Early Atom - *Undeclared*
 - 29.3: Atomic Physics and Quantum Mechanics - *Undeclared*
 - 29.4: Applications of Atomic Physics - *Undeclared*
 - 29.5: Multielectron Atoms - *Undeclared*
- 30: Nuclear Physics and Radioactivity - *Undeclared*
 - 30.1: The Nucleus - *Undeclared*
 - 30.2: Radioactivity - *Undeclared*
 - 30.3: Quantum Tunneling and Conservation Laws - *Undeclared*
 - 30.4: Applications of Nuclear Physics - *Undeclared*
- Back Matter - *Undeclared*
 - Index - *Undeclared*
 - Glossary - *Undeclared*
 - Detailed Licensing - *Undeclared*