

Detailed Licensing

Overview

Title: [GSU-TM-Physics II \(2212\)](#)

Webpages: 214

Applicable Restrictions: Noncommercial

All licenses found:

- [CC BY 4.0](#): 67.8% (145 pages)
- [CC BY-NC-SA 4.0](#): 20.6% (44 pages)
- [Undeclared](#): 7.5% (16 pages)
- [CC BY-SA 4.0](#): 1.9% (4 pages)
- [CC BY-NC-SA 3.0](#): 1.4% (3 pages)
- [CC BY-NC-SA 2.5](#): 0.5% (1 page)
- [CC BY 3.0](#): 0.5% (1 page)

By Page

- [GSU-TM-Physics II \(2212\) - CC BY-NC-SA 4.0](#)
 - [Front Matter - Undeclared](#)
 - [TitlePage - Undeclared](#)
 - [InfoPage - Undeclared](#)
 - [Table of Contents - Undeclared](#)
 - [About this Book - Undeclared](#)
 - [Licensing - Undeclared](#)
 - [Licensing - Undeclared](#)
 - [1: Introduction to Physics and Measurements - CC BY-NC-SA 4.0](#)
 - [1.1: The Scientific Method and Physics - CC BY-NC-SA 4.0](#)
 - [1.2: Thinking Like a Scientist - CC BY-NC-SA 4.0](#)
 - [1.3: Measurements Uncertainty and Significant Figures - CC BY-NC-SA 4.0](#)
 - [1.4: Units and Standards - CC BY-NC-SA 4.0](#)
 - [1.5: Unit Conversion - CC BY-NC-SA 4.0](#)
 - [1.6: Dimensional Analysis - CC BY-NC-SA 4.0](#)
 - [1.7: How to Solve Problems in this Course - CC BY-NC-SA 4.0](#)
 - [1.E: Practice- - CC BY-NC-SA 4.0](#)
 - [2: Math Review - CC BY-NC-SA 4.0](#)
 - [2.1: Introduction - CC BY-NC-SA 2.5](#)
 - [2.2: Geometrical Shapes - CC BY-NC-SA 4.0](#)
 - [2.3: Triangles - CC BY-NC-SA 3.0](#)
 - [2.4: The Rectangular Coordinate Systems and Graphs - CC BY 4.0](#)
 - [2.5: Finding Angle Measurements - CC BY-NC-SA 4.0](#)
 - [2.6: Parallel and Perpendicular Lines - CC BY-NC-SA 3.0](#)
 - [2.7: Solving Linear Equations and Inequalities - CC BY-NC-SA 4.0](#)
 - [2.7.1: Solving Linera Equations - CC BY-NC-SA 4.0](#)
 - [2.7.2: Solving Inequalities - CC BY-NC-SA 4.0](#)
 - [2.7.3: Solving Quadratic Equations - CC BY 4.0](#)
 - [2.7.4: Solving a System of Linear Equations - CC BY-NC-SA 4.0](#)
 - [2.7.5: Solving a System of Linear Equations with Cramer's Rule - CC BY 4.0](#)
 - [2.8: Functions - CC BY-NC-SA 4.0](#)
 - [2.8.1: Basic Functions - CC BY-NC-SA 4.0](#)
 - [2.8.2: Trigonometric Functions - CC BY-NC-SA 4.0](#)
 - [2.8.3: Exponential_and_Logarithmic_Functions - CC BY-NC-SA 4.0](#)
 - [2.8.4: Properties_of_Logarithms - CC BY 4.0](#)
 - [2.8.5: Exponential and Logarithmic Models - CC BY-SA 4.0](#)
 - [2.9: Derivatives - CC BY-SA 4.0](#)
 - [2.9.1: The Derivative as a Function - CC BY-NC-SA 4.0](#)
 - [2.9.2: Differentiation Rules - CC BY-NC-SA 4.0](#)
 - [2.9.3: Derivatives as Rates of Change - CC BY-NC-SA 4.0](#)
 - [2.9.4: Linear Approximations and Differentials - CC BY-NC-SA 4.0](#)
 - [2.9.5: Maxima and Minima - CC BY-NC-SA 4.0](#)
 - [2.9.6: Derivatives and the Shape of a Graph - CC BY-NC-SA 4.0](#)
 - [2.9.7: Optimization Problems - CC BY-NC-SA 4.0](#)
 - [2.9.8: Table of Derivatives - CC BY-NC-SA 4.0](#)

- 2.10: Anti derivatives and integrals - CC BY-SA 4.0
 - 2.10.1: Integrals - CC BY-NC-SA 3.0
 - 2.10.2: Antiderivatives - CC BY-NC-SA 4.0
 - 2.10.3: Physical Applications of Integration- - CC BY-NC-SA 4.0
 - 2.10.4: Moments_and_Centers_of_Mass - CC BY-NC-SA 4.0
 - 2.10.5: Table_of_Integrals - CC BY-NC-SA 4.0
- 2.11: Vectors - CC BY-NC-SA 4.0
 - 2.11.1: Review of Trigonometry - CC BY-NC-SA 4.0
 - 2.11.2: Right Angle Triangle Trigonometry - CC BY-NC-SA 4.0
 - 2.11.3: Scalars and Vectors - CC BY-NC-SA 4.0
 - 2.11.4: Coordinate Systems and Components of a Vector - CC BY-NC-SA 4.0
 - 2.11.5: Algebra of Vectors - CC BY-NC-SA 4.0
 - 2.11.6: Products of Vectors - CC BY-NC-SA 4.0
 - 2.11.7: Further Topics - *Undeclared*
 - 2.11.E: Practice - CC BY-NC-SA 4.0
- 2.12: Math-vector basics and diffrential equations - CC BY-NC-SA 4.0
- 3: Electrostatics - Charges, Forces and Fields - CC BY 4.0
 - 3.1: Electrical Charge - CC BY 4.0
 - 3.2: Conductors, Insulators, and Charging by Induction - CC BY 4.0
 - 3.3: Electrostatic Force - Coulomb's Law - CC BY 4.0
 - 3.4: Electric Field - CC BY 4.0
 - 3.5: Calculating Electric Fields of Charge Distributions - CC BY 4.0
 - 3.6: Electric Flux - CC BY 4.0
 - 3.7: Gauss's Law - CC BY 4.0
 - 3.8: Applying Gauss's Law - CC BY 4.0
 - 3.9: Conductors in Electrostatic Equilibrium - CC BY 4.0
 - 3.10: Summary - CC BY 4.0
 - 3.11: Practice - CC BY 4.0
 - 3.12: Electric Charges and Fields (Answer) - CC BY 4.0
- 4: Electric Potential and Capacitance - CC BY 4.0
 - 4.1: Electric Potential Energy - CC BY 4.0
 - 4.2: Electric Potential and Potential Difference - CC BY 4.0
 - 4.3: Equipotential Surfaces and Conductors - CC BY 4.0
 - 4.4: Determining Field from Potential - CC BY 4.0
 - 4.5: Applications of Electrostatics - CC BY 4.0
 - 4.6: Capacitors and Capacitance - CC BY 4.0
 - 4.7: Capacitors in Series and in Parallel - CC BY 4.0
 - 4.8: Energy Stored in a Capacitor - CC BY 4.0
- 4.9: Capacitor with a Dielectric - CC BY 4.0
- 4.E: Practice - CC BY 4.0
- 4.S: Summary - CC BY 4.0
- 5: Current and Resistance - CC BY 4.0
 - 5.1: Electrical Current - CC BY 4.0
 - 5.2: Model of Conduction in Metals - CC BY 4.0
 - 5.3: Resistivity and Resistance - CC BY 4.0
 - 5.4: Ohm's Law - CC BY 4.0
 - 5.5: Electrical Energy and Power - CC BY 4.0
 - 5.6: Superconductors - CC BY 4.0
 - 5.7: Practice - CC BY 4.0
 - 5.A: Current and Resistance (Answers) - CC BY 4.0
 - 5.S: Summary - CC BY 4.0
- 6: Resistive Networks - CC BY 4.0
 - 6.1: Electromotive Force - CC BY 4.0
 - 6.2: Resistors in Series and Parallel - CC BY 4.0
 - 6.3: Kirchhoff's Rules - CC BY 4.0
 - 6.4: Household Wiring and Electrical Safety - CC BY 4.0
 - 6.5: Electrical Measuring Instruments - CC BY 4.0
 - 6.6: RC Circuits - CC BY 4.0
 - 6.7: Practice - CC BY 4.0
 - 6.S: Summary - CC BY 4.0
- 7: Sources of Magnetism, Magnetic Forces and Fields - CC BY 4.0
 - 7.1: Introduction to Magnetism - CC BY 4.0
 - 7.2: Magnets, Electromagnets and Magnetic Matter - CC BY 4.0
 - 7.3: Magnetic Fields and Lines - CC BY 4.0
 - 7.4: Motion of a Charged Particle in a Magnetic Field - CC BY 4.0
 - 7.5: Applications of Magnetic Forces and Fields - CC BY 4.0
 - 7.6: Magnetic Force on a Current-Carrying Conductor - CC BY 4.0
 - 7.7: Force and Torque on a Current Loop - CC BY 4.0
 - 7.8: The Hall Effect - CC BY 4.0
 - 7.9: The Biot-Savart Law - CC BY 4.0
 - 7.10: Magnetic Field of a Current Loop - CC BY 4.0
 - 7.11: Ampère's Law - CC BY 4.0
 - 7.12: Solenoids and Toroids - CC BY 4.0
 - 7.13: Magnetism in Matter - CC BY 4.0
 - 7.S: Magnetic Forces and Fields (Summary) - CC BY 4.0
 - 1.S: Sources of Magnetic Fields (Summary) - CC BY 4.0
- 8: Electromagnetic Induction - CC BY 4.0
 - 8.1: Faraday and Lenz's Laws - CC BY 4.0
 - 8.2: Motional Emf - CC BY 4.0
 - 8.3: Induced Electric Fields - CC BY 4.0

- 8.4: Eddy Currents and Magnetic Damping - CC BY 4.0
- 8.5: Electric Generators and Back Emf - CC BY 4.0
- 8.6: Inductance - CC BY 4.0
- 8.7: Applications of Electromagnetic Induction - CC BY 4.0
- 8.8: Alternating Current versus Direct Current - CC BY 4.0
- 8.A: Electromagnetic Induction (Answers) - CC BY 4.0
- 8.E: Electromagnetic Induction, AC Circuits, and Electrical Technologies (Exercise) - CC BY 4.0
- 8.S: Electromagnetic Induction (Summary) - CC BY 4.0
- 9: Electromagnetic Waves - CC BY 4.0
 - 9.1: Maxwell's Equations and Electromagnetic Waves - CC BY 4.0
 - 9.2: Electromagnetic Waves - CC BY 4.0
 - 9.3: Polarization - CC BY 4.0
 - 9.4: Energy Carried by Electromagnetic Waves - CC BY 4.0
 - 9.5: Momentum and Radiation Pressure - CC BY 4.0
 - 9.6: The Electromagnetic Spectrum - CC BY 4.0
 - 9.A: Electromagnetic Waves (Answer) - CC BY 4.0
 - 9.E: Electromagnetic Waves (Exercises) - CC BY 4.0
 - 9.S: Electromagnetic Waves (Summary) - CC BY 4.0
- 10: Geometrical Optics - CC BY 4.0
 - 10.1: The Propagation of Light - CC BY 4.0
 - 10.2: The Law of Reflection - CC BY 4.0
 - 10.3: Huygens's Principle - CC BY 4.0
 - 10.4: Refraction - CC BY 4.0
 - 10.5: Images Formed by Mirrors - CC BY 4.0
 - 10.6: Images Formed by Refraction - CC BY 4.0
 - 10.7: Optical Instruments - CC BY 4.0
 - 10.8: The Eye - CC BY 4.0
 - 10.8.1: Ear Basic Concepts - CC BY-SA 4.0
 - 10.8.2: A_Vision - CC BY 4.0
 - 10.8.3: Vision - CC BY 4.0
 - 10.8.4: Vision_Correction - CC BY 4.0
 - 10.8.5: Processing_Visual_Information - CC BY 3.0
 - 10.8.6: Color_and_Color_Vision - CC BY 4.0
 - 10.8.7: Photoreceptors/Vision_and_Light - Undeclared
 - 10.8.8: Biology of vision - Undeclared
 - 10.A: The Nature of Light (Answers) - CC BY 4.0
 - 1.A: Geometric Optics and Image Formation (Answers) - CC BY 4.0
 - 10.E: The Nature of Light (Exercises) - CC BY 4.0
 - 1.E: Geometric Optics and Image Formation (Exercises) - CC BY 4.0
- 10.S: The Nature of Light (Summary) - CC BY 4.0
 - 1.S: Geometric Optics and Image Formation (Summary) - CC BY 4.0
- 11: Physical Optics - CC BY 4.0
 - 11.1: Interference and Diffraction - CC BY 4.0
 - 11.2: Young's Double-Slit Interference - CC BY 4.0
 - 11.3: Mathematics of Interference - CC BY 4.0
 - 11.4: Multiple-Slit Interference - CC BY 4.0
 - 11.5: Interference in Thin Films - CC BY 4.0
 - 11.6: Single-Slit Diffraction - CC BY 4.0
 - 11.7: Double-Slit Diffraction - CC BY 4.0
 - 11.8: Diffraction Gratings - CC BY 4.0
 - 11.9: Circular Apertures and Resolution - CC BY 4.0
 - 11.10: X-Ray Diffraction - CC BY 4.0
 - 11.11: Holography - CC BY 4.0
 - 11.12: The Michelson Interferometer - CC BY 4.0
 - 11.A: Interference (Answers) - CC BY 4.0
 - 1.A: Diffraction (Answers) - CC BY 4.0
 - 11.E: Interference (Exercises) - CC BY 4.0
 - 1.E: Diffraction (Exercises) - CC BY 4.0
 - 11.S: Interference (Summary) - CC BY 4.0
 - 1.S: Diffraction (Summary) - CC BY 4.0
- 12: Nuclear Physics - CC BY 4.0
 - 12.1: Properties of Nuclei - CC BY 4.0
 - 12.2: Nuclear Binding Energy - CC BY 4.0
 - 12.3: Radioactive Decay - CC BY 4.0
 - 12.4: Nuclear Reactions - CC BY 4.0
 - 12.5: Fission - CC BY 4.0
 - 12.6: Nuclear Fusion - CC BY 4.0
 - 12.7: Medical Applications and Biological Effects of Nuclear Radiation - CC BY 4.0
 - 12.A: Nuclear Physics (Answers) - CC BY 4.0
 - 12.E: Nuclear Physics (Exercises) - CC BY 4.0
 - 12.S: Nuclear Physics (Summary) - CC BY 4.0
- 13: Atomic Structure - CC BY 4.0
 - 13.1: The Hydrogen Atom - CC BY 4.0
 - 13.2: Orbital Magnetic Dipole Moment of the Electron - CC BY 4.0
 - 13.3: Electron Spin - CC BY 4.0
 - 13.4: The Exclusion Principle and the Periodic Table - CC BY 4.0
 - 13.5: Atomic Spectra and X-rays - CC BY 4.0
 - 13.6: Lasers - CC BY 4.0
 - 13.A: Atomic Structure (Answers) - CC BY 4.0
 - 13.E: Atomic Structure (Exercises) - CC BY 4.0
 - 13.S: Atomic Structure (Summary) - CC BY 4.0
- Back Matter - Undeclared
 - Some Equations and Constants - CC BY-NC-SA 4.0
 - Index - Undeclared
 - Glossary - CC BY-NC-SA 4.0

- [Detailed Licensing](#) - *Undeclared*
- [Detailed Licensing](#) - *Undeclared*
- [Index](#) - *Undeclared*

- [Glossary](#) - *Undeclared*