

Lecture Notes for Feynman Lectures on Physics - Volume I

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Introduction

1 Chapter 1.Atoms in Motion

- 1.1 1-1. Introduction
- 1.2 1-2. Matter is made of atoms
- 1.3 1-3. Atomic processes
- 1.4 1-4. Chemical reactions

2 Chapter 2.Basic Physics

- 2.1 2-1. Introduction
- 2.2 2-2. Physics before 1920
- 2.3 2-3. Quantum physics
- 2.4 2-4. Nuclei and particles

3 Chapter 3.The Relation of Physics to Other Sciences

- 3.1 3-1. Introduction
- 3.2 3-2. Chemistry
- 3.3 3-3. Biology
- 3.4 3-4. Astronomy
- 3.5 3-5. Geology
- 3.6 3-6. Psychology
- 3.7 3-7. How did it get that way?

4 Chapter 4.Conservation of Energy

- 4.1 4-1. What is energy?
- 4.2 4-2. Gravitational potential energy
- 4.3 4-3. Kinetic energy
- 4.4 4-4. Other forms of energy

5 Chapter 5.Time and Distance

- 5.1 5-1. Motion
- 5.2 5-2. Time
- 5.3 5-3. Short times
- 5.4 5-4. Long times
- 5.5 5-5. Units and standards of time