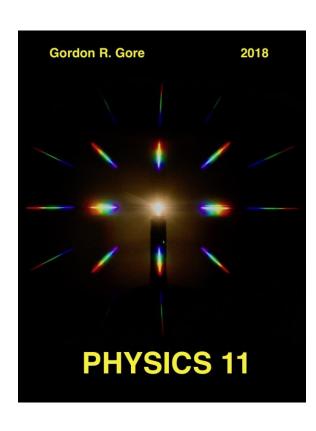
# **Contents**



INTRODUCTION	1
Chapter 1 Describing Motion	4
Chapter 2 Acceleration	21
Chapter 3 Forces	43
Chapter 4 Newton's Laws of Motion	63
Chapter 5 Vectors	83
Chapter 6 Mechanical Energy	99
Chapter 7 Thermal Energy	111
Chapter 8 Static Electricity	127
Chapter 9 Current Electricity	139
Chapter 11 Waves	187
Chapter 12 Sound	211
Answer Kev	229

## **Teacher Resource Manual (on CD) (Available Separately)**

#### **Contents of Teacher's Resource Manual**

### Physics 11 2018

#### Gordon R. Gore

For each chapter of the sourcebook, this manual contains the following:

Detailed Answers to numerical problems in Exercises and Chapter Review Questions

Test Yourself: Test items that might be used for review or practice by the students

Answer Key to Test Yourself

Test Items for the Chapter: Teachers might wish to use these as part of their class testing program. Numerical details can be changed by the instructor.

**Answer Key to Test Items** 

Teacher's Guide to Investigations

Appendices to the Text:

Appendix 1: A chapter on Simple Machines, drawn from another of Gordon Gore's books (Applied Physics), might be used for expanding class work on simple machines.

Appendix 2: A chapter on Motion in Two Dimensions, drawn from the original Gore Physics 12 book. Includes more detail on projectile motion, etc.