

CONTENTS.

CHAPTER IV.

ELECTRICITY AND MAGNETISM.

Current electricity. — Batteries. — Effects produced by electricity.	PAGE
— Electrical measurements. — Magnets and magnetism. — Laws of currents. — Magneto-electric and current induction. — Thermo-electricity. — Frictional electricity. — Electrical machines. — Applications of electricity	200

CHAPTER V.

SOUND.

Vibration and waves. — Sound-waves. — Velocity of sound. — Reflection and refraction of sound. — Loudness. — Pitch. — Vibration of strings. — Quality	299
---	-----

CHAPTER VI.

RADIANT ENERGY — LIGHT.

Introduction. — Photometry. — Reflection. — Refraction. — Color. — Thermal effects of radiation. — Optical instruments	321
--	-----

APPENDIX	375
--------------------	-----