

BOOK XII.

HISTORY OF MAGNETISM.

	PAGE
CHAPTER I.—DISCOVERY OF LAWS OF MAGNETIC PHENOMENA	217
CHAPTER II.—PROGRESS OF MAGNETIC THEORY	
Theory of Magnetic Action.....	220
Theory of Terrestrial Magnetism.....	224
Conclusion	232

BOOK XIII.

HISTORY OF GALVANISM, OR VOLTAIC ELECTRICITY.

CHAPTER I.—DISCOVERY OF VOLTAIC ELECTRICITY.....	237
CHAPTER II.—RECEPTION AND CONFIRMATION OF THE DIS- COVERY OF VOLTAIC ELECTRICITY.....	240
CHAPTER III.—DISCOVERY OF THE LAWS OF THE MUTUAL ATTRACTION AND REPULSION OF VOLTAIC CURRENTS.— AMPÈRE.....	242
CHAPTER IV.—DISCOVERY OF ELECTRO-MAGNETIC ACTION. —OERSTED.....	243
CHAPTER V.—DISCOVERY OF THE LAWS OF ELECTRO-MAG- NETIC ACTION.....	245
CHAPTER VI.—THEORY OF ELECTRODYNAMICAL ACTION.	
Ampère's Theory.....	246
Reception of Ampère's Theory.....	249
CHAPTER VII.—CONSEQUENCES OF THE ELECTRODYNAMIC THEORY.....	250
Discovery of Diamagnetism.....	252