



# contents

Section I.	THE DESCRIPTION OF PHYSICAL VARIABLES	1
Section II.	MAGNITUDE OF A PHYSICAL VARIABLE	7A
Section III.	PRECISION OF STATEMENT	49
Section IV.	UNITS AND UNIT CONVERSION	90A
Section V.	THE UNITS IN MECHANICS	115
Section VI.	THE UNITS IN ELECTRICITY AND MAGNETISM	144
Section VII.	UNITS IN THERMODYNAMICS	154
Section VIII.	DIMENSIONAL ANALYSIS	179A
Appendix A	NUMERICAL PREFIXES	195
Appendix B	UNIT CONVERSION TABLES	199
Appendix C	FUNDAMENTAL PHYSICAL CONSTANTS	216
Appendix D	BIBLIOGRAPHY	217
INDEX		218