

# CONTENTS

CHAP.	PAGE
1. THE NATURE OF SOUND . . . . .	I
2. FORCED VIBRATION AND RESONANCE . . . . .	23
3. INTENSITY AND LOUDNESS . . . . .	33
4. PITCH . . . . .	42
5. MUSICAL QUALITY . . . . .	61
6. THE EAR . . . . .	78
7. VIBRATIONS OF STRINGS . . . . .	90
8. ORGAN PIPES . . . . .	110
9. SUNDRY OTHER MUSICAL INSTRUMENTS . . . . .	132
10. DISSONANCE AND CONSONANCE . . . . .	157
11. SCALES AND TEMPERAMENT . . . . .	171
12. RECORDING AND REPRODUCTION OF SOUND . . . . .	202
13. HALLS AND CONCERT ROOMS . . . . .	223
BIBLIOGRAPHY . . . . .	252
INDEX OF SUBJECTS . . . . .	253
INDEX OF NAMES . . . . .	257