

Table of Contents

Preface		iii
Introduction		v
1 Elementary Concepts		1
2 Reflection and Refraction		25
3 Resonance		41
4 Interference and Diffraction		59
5 Guided Waves		82
6 Topics in Network Theory		111
Symbols Used in This Book		127
Bibliography		129
Index		131

Plates (following p. 24)

- I The motion of a pulse from right to left along a spring with a ribbon at the midpoint
- II Periodic straight water waves moving across a ripple tank
- III Reflection of periodic straight waves by a barrier in a ripple tank
- IV Interference of water waves from two sources, illustrating the principle of Young's slits