

CONTENTS

CHAPTER

	Introduction	J B Large
1	Theory of acoustics (1)	C L Morfey
2	Theory of acoustics (2)	C L Morfey
3	Sound transmission	F J Fahy
4	Fundamentals of vibration	B L Clarkson
5	Random processes	B L Clarkson
6	Random vibration	B L Clarkson
7	Data analysis	C A Mercer
8	Instrumentation	R G White/P L Tanner
9	Non linear acoustics	C L Morfey
10	Structural wave motion	D J Mead
11	Structure of turbulence	P O A L Davies
12	Structural-acoustic coupling	F J Fahy
13	Fundamental duct acoustics	P O A L Davies
14	Periodic structures	D J Mead
15	Jet noise	M J Fisher
16	Finite element techniques	M Petyt
17	Statistical energy analysis	F J Fahy
18	Plant noise	A H Middleton
19	Road vehicle noise	T Priede
20	Rotor noise	M E House
21	Structural fatigue	D P Rooke/D Cartwright
22	Mechanical noise sources	E J Richards
23	Occupational hearing loss & hearing conservation	A M Martin
24	Machinery health monitoring	R M Stewart
25	Effects of noise on people	P A Wilkins
26	Measurement & diagnosis of machinery noise	P D Wheeler
27	Human response to vibration	M J Griffin
28	Subjective acoustics	J G Walker/C G Rice
29	Vibration control	D J Mead
30	Environmental noise planning	J B Large/M E House
31	Vibration testing	R G White
32	Sound absorbent duct design	M E House/R G Kershaw