Contents

1	Introduction pa	ige 1
2	One-dimensional Compressible Gas Flow	4
3	Theory of the Shock Tube	29
4	Shock-tube Measurement Techniques I. Optical Methods	40
5	Shock-tube Measurement Techniques (cont.) II. Non-Optical Measurements	58
6	The Reflection, Refraction, and Diffraction of Shock Waves	65
7	Shock-front Structure	92
8	The Production of Strong Shock Waves	107
9	Strong Shock-wave Investigations	129
	Note added in Proof-Recent Work	152
	Author Index	159
	Subject Index	162