

# CONTENTS

		Page
Preface .. . . . .	.. . . . .	9
Chapter		
1	Introduction .. . . .	II
2	General principles of interferometry .. . .	13
3	Basic types of interferometer .. . . .	27
4	The localization of fringes .. . . .	33
5	Light sources for interferometry .. . . .	46
6	The measurement of path difference .. . . .	50
7	Polarizing interferometers .. . . .	62
8	The design of interferometers .. . . .	81
9	Multiple-beam interferometers .. . . .	103
10	Measuring length and position .. . . .	112
11	Optical testing and measurement of shape .. . .	129
12	Measuring other physical quantities .. . . .	147
13	Holographic interferometry .. . . .	156
14	Interference microscopy .. . . .	169
	References .. . . . .	197
	Bibliography .. . . . .	201
	Index .. . . . .	202