

## CONTENTS

Preface	vii
List of Contributors	ix
Nonclassical Light <i>H P Yuen</i>	1
Single-atom Oscillators <i>H Walther</i>	10
Photodetection and Photostatistics <i>M Le Berre</i>	31
Nonclassical Photon Interference Effects <i>C K Hong, Z Y Ou and L Mandel</i>	51
Photons and Approximate Localisability <i>E R Pike and S Sarkar</i>	66
Quantum Noise Reduction on Twin Laser Beams <i>E Giacobino, C Fabre, S Reynaud, A Heidmann and R Horowicz</i>	81
Nonclassical Effects in Parametric Downconversion <i>J G Rarity and P R Tapster</i>	122
Moving Mirrors and Nonclassical Light <i>S Sarkar</i>	151
Propagation of Nonclassical Light <i>I Abram</i>	173
Models for Phase-insensitive Quantum Amplifiers <i>G L Mander, R Loudon and T J Shepherd</i>	190
Quasiprobabilities based on Squeezed States <i>F Haake and M Wilkens</i>	205
Index	217