

Contents

<i>Preface</i>	v
Limiting sensitivities of detectors of infra-red and visible radiation T. P. MCLEAN, <i>Royal Radar Establishment, Malvern, Worcs.</i>	1
Photon detectors E. M. WORSTER, <i>EMI Electronics Ltd, Hayes, Middlesex</i>	11
Image intensifiers and infra-red detectors M. H. JERVIS and M. J. NEEDHAM, <i>Mullard Ltd, London</i>	31
Scanned arrays of solid-state detectors P. C. NEWMAN, <i>Plessey Co Ltd, Towcester, Northants</i>	45
Review of U.K. activity in laser technology G. M. CLARKE, <i>Ferranti Ltd, Dalkeith, Midlothian</i>	59
The application of the minicomputer to high speed on-line optical inspection systems G. M. CLARKE and J. BEDFORD, <i>Ferranti Ltd, Dalkeith, Midlothian</i>	65
Laser machines for industry—the breakthrough J. B. WILLIS, <i>BOC Ltd, Daventry, Northants</i>	73
Frequency narrowing and tuning of flashlamp-pumped dye lasers A. S. NEVILLE, <i>Electrophotonics Ltd, Belfast</i>	83
Special purpose electro-optical equipment L. R. BAKER, <i>Sira Institute, Chislehurst, Kent</i>	95
The ophthalmic industry structure and the application of mechanical handling to the production of pairs of spectacles in Great Britain H. J. BOOTH, <i>Autoflow Engineering Ltd, Rugby, Warwickshire</i>	103
Thermal imaging lenses P. L. WRIGHT, <i>Rank Optics Taylor Hobson, Leicester</i>	117
Recent advances in high speed photography R. HADLAND, <i>Hadland Photonics Ltd, Bovington, Herts.</i>	127
Index	141