OPTICA APPLICATA

Vol. XXII (92) No. 2

PL ISSN 00-78-5466 Index 36772

A joint publication of the

INSTITUTE OF PHYSICS, TECHNICAL UNIVERSITY OF WROCŁAW, POLAND

&

SPIE/POLAND CHAPTER
in association with
SPIE-THE INTERNATIONAL SOCIETY
FOR OPTICAL ENGINEERING

Contents

KOWALIK W., DUBIK B., On the problems of optimizing the reference sphere for interference	
measurements of wave aberrations as exemplified by the radial shearing	69
POKORA L., PUZEWICZ Z., UJDA Z., Two-wavelength dye laser pumped by excimer laser	91
SWIERK D., Birefringence and dispersion of polarization in a single-mode fibre considered as	
stochastic process	97
BLAHUT M., ROGOZINSKI R., Application of two-stage thermal diffusion in the technology of	
buried channel waveguides	109
COJOCARU E., MIHAILESCU I. N., VASILESCU C., Focus position dependence of radiation absorption on laser cutting fronts	117
CHRZANOWSKI K., New method for contactless temperature measurement of highly reflecting objects in outdoor conditions	125
Letters to the Editor	
POKORA L., UJDA Z., Compact N ₂ laser pumped dye 4 laser for tumor diagnostics	131
COJOCARU E., Circular diagram of power balance for laser cutting	135
ROŻNIAKOWSKI K., Laser investigations of electrotechnical steel surface roughness	137