OPTICA APPLICATA

Vol. XXIII (93) No. 1

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., Simplified interference measurement of the refractive index distribution	
in the slices of preforms and waveguides. Destructive method of plane reference	
wave and some of its variants	3
W. GAWRON, J. PIOTROWSKI, InAs _{1-x} Sb _x room temperature magnetoconcentration photo-	33
detector for 10.6 µm radiation	3.
B. STADNIK, Single-mode highly birefringent optical-fibre depolarizers of the Lyot type:	
experimental results	41
E. COJOCARU, Analytical relations for thin-film variable reflectance mirrors	47
S. KRUSZEWSKI, J. SKONIECZNY, Influence of atomic- and micro-roughness variations on	
the surface enhanced Raman scattering signal	51
K. CHRZANOWSKI, Noise equivalent temperature difference of infrared systems under	
field conditions	61
R. Dragon, Surface photoconductivity of anodically grown ZnO layers	69
A. DANGON, Surface photoconductivity of anodicany grown ZhO layers	05
Letters to the Editor	
ABD EL-HALIM TURKY, REDA EL-KORAMY, ASCIA GABRE, Two anode corona glows as	
sources of spectrum and interference in air	79
J. PIOTROWSKI, Optical immersion of IR photodetectors as an effective way to reduce	
cooling requirements	85
	0.
K. CHRZANOWSKI, Model of noise equivalent temperature difference of infrared systems for	
finite distance between sensor and object	91