

Editorial Board:

Zygmunt Bodnar — Chairman,
Miron Gaj, Bedřich Havelka, Roman Ingarden, Bohdan Karczewski, Joachim Klebe, Jan Matysiak, Maksymilian Pluta, Zbigniew Puzewicz, Antoni Sojecki, Szczepan Szczęniowski, Bogusława Trzebiatowska

Editor in Chief — Miron Gaj

Secretary — Grażyna Mulak

Editorial Office:

Institute of Technical Physics,
Technical University of Wrocław,
50-370 Wrocław, Wybrzeże Wyspiańskiego 27, Poland.

Publisher:

Technical University of Wrocław
(Politechnika Wrocławska) 50-370
Wrocław, Wybrzeże Wyspiańskiego 27, Poland.

In addition to larger original papers brief reports will be published of the authors' own research work. The reports should be sent out according to the above guide lines.

The Editorial Board invites the readers to send over any remarks or observations referring to the publications which will appear in the *Optica Applicata*. The correspondence of essential importance will be published in a separate column dealing with letters to the Editor.

Review of Matter

Application of the diffraction theory quantum optics, problems in radiation coherence, light sources, holography and its application, scientific photography, methods of image reconstruction, optical application of Fourier transforms, theory of optical system, criteria of optical image evaluation, optical materials, technology of manufacturing optical elements, aspheric optics, optical properties of solids and thin films, lasers and their application, photo- and radiometry, problems in spectroscopy, non-linear optics, optical data processing, optical measurements, fibre optics, optical instrumentation, interferometry, microscopy, non-visible optics, automation of optical computing, optoelectronics, colorimetry, optical detectors, ellipsometry and photoelasticity.

OPTICA VI APPLICATA 3

Contents

Quantum Efficiency of PV-Cd _x Hg _{1-x} Te Detectors, J. M. PAWLIKOWSKI, E. MAJCHROWSKA, P. BECLA	71
Thermal Shift of the Long-wavelength Absorption Edge in the Optical Glass, S. GĘBALA	77
Testing of Aspherics by Means of Rotational Symmetric Synthetic Holograms, J. SCHWIDER, R. BUROW	83
Two-element Light Modulators, M. PIŁAWSKI, M. SIWIŃSKI, M. TRYBURCY	89
The Linear Approximation for the Deflecting Doublet of the Scanning Microscope, A. ROMANOWSKI	93
A new (CdHg)Te Photodiode Type with Protected Junction Surface, E. IGRAS, J. PIOTROWSKI	99

Содержание

Квантовый выход фотогальванических детекторов Cd _x Hg _{1-x} Te, Я. Павликовски, Э. Майхровска, П. Бецла	71
Термическое перемещение предела длинноволнового поглощения в оптимических стеклах, С. Гембала	77
Испытания асферических линз с помощью синтетических вращательно-симметрических линз, Е. Швидер, Р. Буров	83
Двухэлементарные модуляторы света, М. Пилявски, М. Сивински, М. Трыбурцы	89
Линейная аппроксимация для отклоняющего дублета анализирующего микроскопа, А. Романовски	93
Новый тип фотодиода (CdHg)Te с защищенной поверхностью перехода, Е. Играс, Ю. Пётровски	99