

## **OPTICA APPLICATA**





A quarterly of the Institute of Physics, Wroclaw University of Technology



SEARCH

Advanced search

About Optica Applicata

Current issue

Browse archives

Search

**Editorial Board** 

Instructions for Authors

Ordering

Contact us

Optica Applicata 2008(Vol.38), No.3, pp. 559-565

## Evidence for metastable behavior of Ga-doped CdTe

Ewa Placzek-Popko, Zbigniew Gumienny, Justyna Trzmiel, Jan Szatkowski

## Keywords

semiconductors, semiconducting compounds, CdTe, DX centers, persistent photoeffects

## Abstract

In this paper, we report for the first time on persistent photoeffects in gallium doped CdTe. Persistent photoconductivity and photoinduced persistent absorption were observed at 77 K. Both effects quenched above 120 K. The photoeffects have been attributed to the metastable behavior of gallium in CdTe.



121 8 kF

Back to list

© Copyright 2007 T.Przerwa-Tetmaier All Rights Reserved 2007

stat 4u