physica status solidi b basic solid state physics
1974, Volume 64, Number 2, pag._459-465

# Optical Modulation Spectra of $CdP_2$ Crystals and Ni-$CdP_2$ Schottky Barriers

Radautsan S. I., Syrbu N. N., Kiosev V. K.

https://doi.org/10.1002/pssb.2220640206

## Abstract

The relative photosensitivity spectra of Ni-$CdP_2$ Schottky barriers have been investigated experimentally; in these spectra a structure consisting of nine maxima has been observed in the intrinsic absorption region. The anisotropy of the observed transitions has been investigated using electroabsorption or spectral distribution of the photoelectromotive force or photoconductivity. The splittings of the bands responsible for the observed transitions have been determined. The fine structure of photoelectromotive force caused by high-frequency phonons involved in the transitions at K = 0 is considered.