

## **S1-2.3**

# **Characteristics of Surface-Barrier Structures on Zinc Diarsenide with Hole Conductivity**

I.G. Stamov, D.V. Tkachenko and Yu. Strel'chuk

*Pridnestrovian State University, Tiraspol, Republic of Moldova*

The surface-barrier photosensitive structures based on zinc diarsenide crystals with metals have been produced. The electrical and photovoltaic properties of these structures were investigated. The photocurrent spectra and electrical characteristics are determined by the parameters of the semiconductor and the physicochemical properties of the contacting metals.