

PROPERTIES OF HETEROJUNCTIONS  
BASED ON INORGANIC  
AND ORGANIC SEMICONDUCTORS:  
POLYPHENYLACETYLENE—InSe:Ag  
HETEROSTRUCTURE

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S u m m a r y

The electrical and photovoltaic properties of heterojunctions based on InSe—PPA (polyphenylacetylene) are studied. The spectra of photosensitivity and volt-farad characteristics are investigated. The height of the potential barrier obtained from the volt-ampere and volt-farad properties is equal to 0.61 eV. It is found that the optical properties of the heterostructure are caused mainly by processes in InSe. The energy diagram of the InSe—PPA heterojunction is build.