

## **BEHAVIOUR OF COPPER IN GALLIUM PHOSPHIDE AND THE POWER SPECTRUM OF ITS CONDITIONS**

*A.A. Kozhevnikov, N.N. Pribilov, E.I. Pribilova*

It is known, that copper in gallium phosphide shows amphoteric character of electric activity, leads to auto indemnification of the doped material and a significant sensitization of own photoconductivity. The model of the impurity center, supposing two kinds of the charging conditions, describing behavior of copper in gallium phosphide and consistent explaining the phenomena connected to presence of the given centers is offered.