

INVESTIGATION OF IMPURITY DIFFUSION
IN CdS CRYSTALS IN VARIOUS
CRYSTALLOGRAPHIC DIRECTIONS

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S u m m a r y

Diffusion of group I metals (Li, Cu, Ag) in CdS crystals is investigated for various crystallographic directions by means of the impurity ion drift in an external electric field. A considerable diffusion anisotropy is observed for Cu and Ag, diffusion of copper being faster in the direction perpendicular to the *c*-axis and that of silver being faster along the *c*-axis. The relation of the observed diffusion anisotropy to the dislocation structure of CdS crystals is discussed.