

SELF-ORGANIZED DIFFUSION-DEFORMATION
DISTRIBUTION OF POINT DEFECTS
IN STRESSED HETEROSYSTEMS

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S u m m a r y

A nonlinear model of the self-organized redistribution of point defects in three-layer GaAs/InAs/GaAs and ZnTe/CdTe/ZnTe heterosystems has been developed. It has been demonstrated that the concentration profile of point defects can vary substantially depending on their average concentration and the width of the internal stressed layer.