

INVESTIGATION OF AGED DISLOCATION
DEPINNING IN NaCl CRYSTALS

G.Vesna, M.Novikov

Taras Shevchenko Kyiv University, Faculty of Physics
(6, Academician Glushkov Prosp., Kyiv 03127, Ukraine)

S u m m a r y

The regularities of a depinning of aged individual screw dislocations from the pinning centers are studied. It is determined that the ageing process at the ageing time of 216 - 500 hours under consideration only increases the time of depinning from such centers. This process is similar with the process of dispersion hardening of materials.