

TAILS OF THE DENSITY OF STATES
IN IRRADIATED RED DIPHOSPHIDE ZINC

A.P. Kudin

Dragomanov National Pedagogical University
(9, Pirogov Str., Kyiv 01030, Ukraine)

S u m m a r y

Within the temperature range of 77-300 K, the absorption spectra of irradiated crystals of red diphosphide zinc are investigated in the range of the fundamental edge and two-phonon transitions. On the interpretation of the spectra, the modified Urbach rule is used. It is shown that complex radiative defects participate in the formation of the tails of the density of states.