

EVAPORATION OF  $A_3B_5$  CRYSTALS TO  
VACUUM

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S u m m a r y

In [1, 2], the research of the nonequilibrium vacuum evaporation of  $A_2B_6$  crystals with strong ionic bond was conducted. It was shown that evaporation is controlled through the electronic subsystem by variation in temperature, light, and electric field. By regarding that  $A_3B_5$  crystals, being predominantly covalent, still have some ionicity we consider the process of evaporation of such crystals. The approximations of compensated, donor, and acceptor states in the crystals are discussed.