

OPTICAL BISTABILITY IN MOLECULAR CRYSTALS

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S u m m a r y

The polarization peculiarities of exciton excitations in molecular crystals at high levels of pumping are investigated. The exciton light absorption function for different light wave polarization angles is calculated. The temperature genesis for different absorption bands and the peculiarities of their deformation under a change of the laser wave polarization angle are analyzed. A regularity of the development of optical bistable states in organic crystals of the benzol-type is established.