

OSCILLATOR-OSCILLATOR INTERACTIONS  
AND THE PARAMETERS OF SPATIAL  
DISPERSION IN  $\alpha$ -TeO<sub>2</sub> AND  $\alpha$ -SiO<sub>2</sub>

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S u m m a r y

In the framework of the coupled-oscillator model for a quasimolecular chain structure of the paratellurite lattice, the dependence of the parameter  $K$  in the Chandrasekhar formula on the spectral splitting  $\Delta\lambda_0$  has been obtained. The value of  $0.458 \times 10^{-4}$  for the parameter of spatial dispersion in paratellurite has been determined. The gyrotropic parameters of paratellurite  $\alpha$ -TeO<sub>2</sub> and quartz  $\alpha$ -SiO<sub>2</sub> have been compared.