

CRITICAL BEHAVIOUR OF THE DIELECTRIC
CONSTANT FOR $\text{Sn}_2\text{P}_2\text{S}_6$ CRYSTAL IN THE
VICINITY OF THE LIFSHITZ POINT

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S u m m a r y

The experimental results of studies of the influence of external pressure on the temperature dependence of the dielectric constant for $\text{Sn}_2\text{P}_2\text{S}_6$ crystal are presented. It is shown that, in the vicinity of a phase transition close to the Lifshitz point on the p, T -diagram, the $\varepsilon^{-1}(T)$ dependence in the high-temperature phase is well described by a power relation with the critical index $\gamma = 1,28 \pm 0,02$.