

# **Vibrational modes of CuAl<sub>1-x</sub>Ga<sub>x</sub>Se<sub>2</sub> solid solution**

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## **Abstract**

In the present paper new results of Raman scattering of CuAl<sub>1-x</sub>Ga<sub>x</sub>Se<sub>2</sub> crystals by the unpolarized light at 77 K are presented. IR reflectivity spectra of this solid solution have been investigated for polarizations E/spl par/c and E/spl perp/c at 300 K. Reflectivity spectra contours were calculated and phonon parameters and dielectric constant were determined.

## **References**

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