

Fig. 1. Schematic of measurement of polarized PL

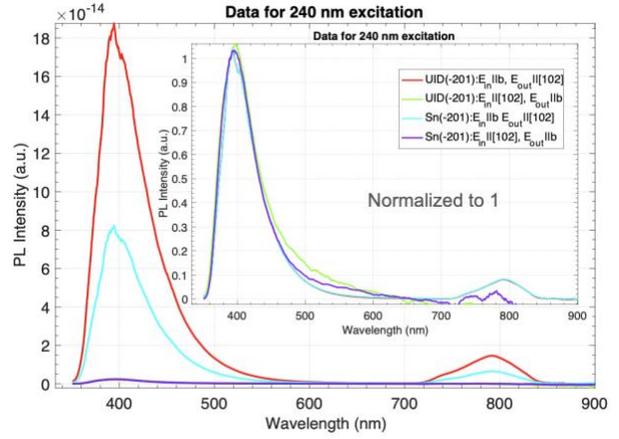


Fig. 2. Polarized PL of $(\bar{2}01)$ bulk UID β -Ga₂O₃ and Sn-doped β -Ga₂O₃ at 240 nm excitation wavelength. Insert is of the same data normalized. Excitation and emission polarizations chosen in the data come from the min and max PL intensities.

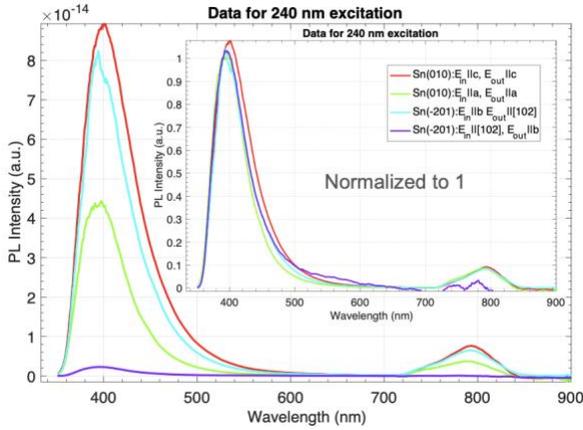


Fig. 3. Polarized PL of $(\bar{2}01)$ bulk Sn-doped β -Ga₂O₃ and (010) Sn-doped β -Ga₂O₃ at 240 nm excitation wavelength. Insert is of the same data normalized. Excitation and emission polarizations chosen in the data come from the min and max PL intensities.

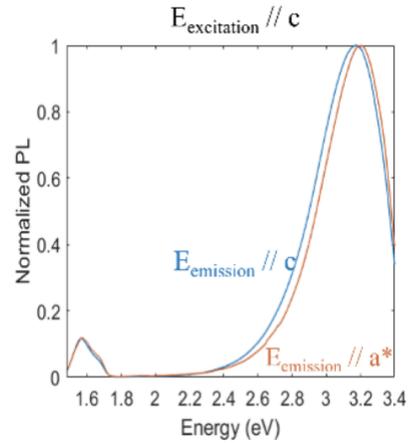


Fig. 4. Polarized PL of (010) bulk Sn-doped β -Ga₂O₃ at 240 nm excitation wavelength. The PL spectra for excitation polarization along c-axis.

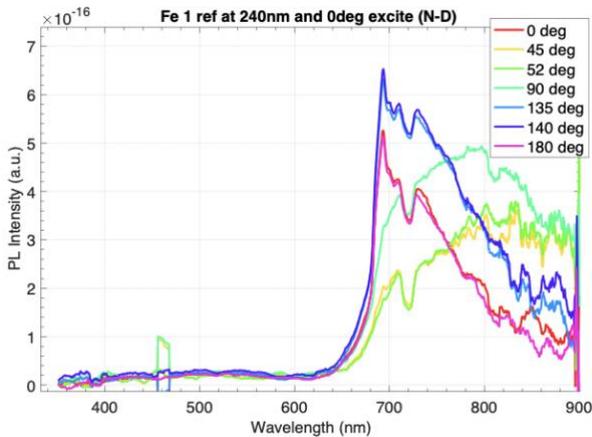


Fig. 5. Polarized PL of (010) bulk Fe-doped β -Ga₂O₃ at 240 nm excitation wavelength. Insert is of the same data normalized. We observe a different spectral shape as the emission is measured along different orientations.