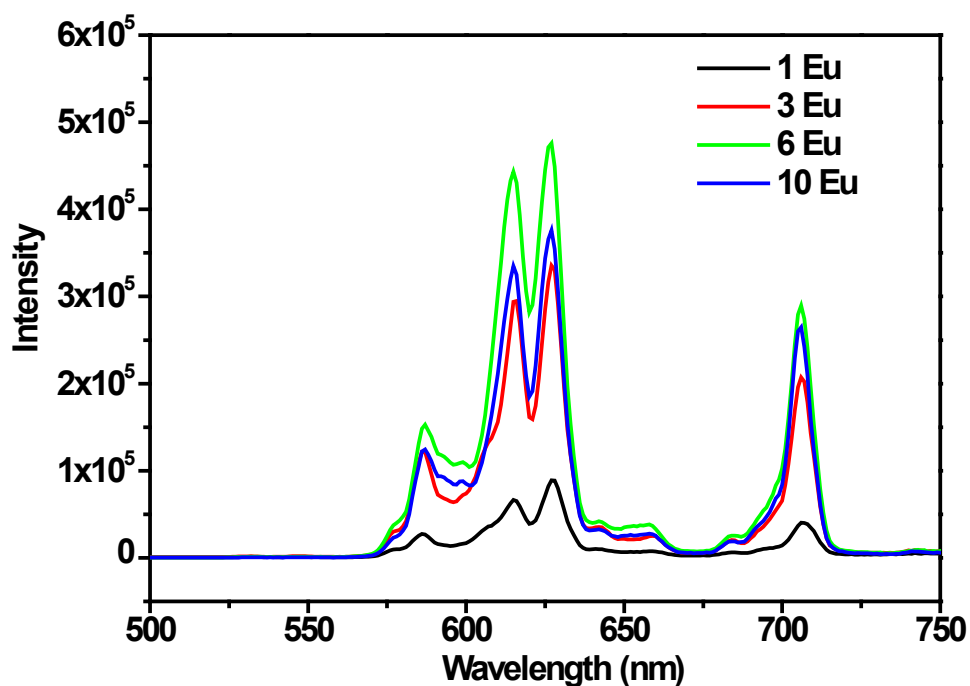


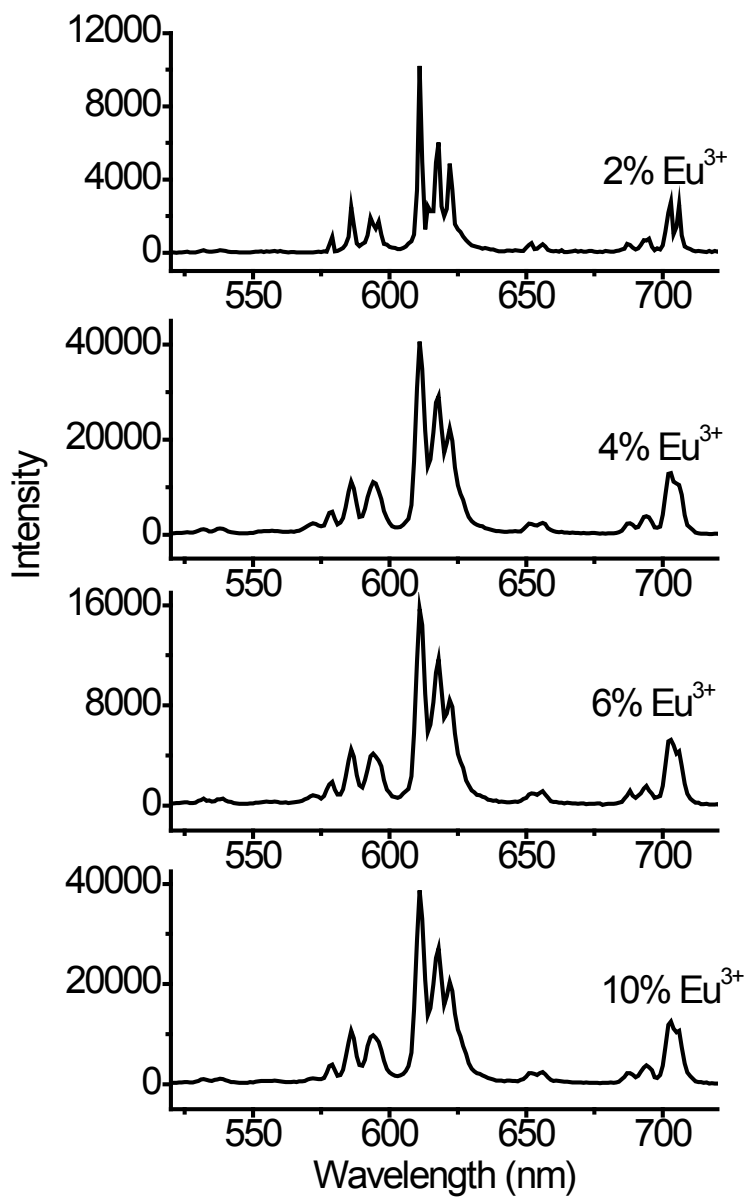
## Supplementary materials

### Structural differences in the luminescence properties of lanthanide doped orthorhombic and monoclinic phases of $\text{Y}_2\text{GeO}_5$

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**Fig. S1.** Emission spectra from orthorhombic  $\text{Y}_2\text{GeO}_5$  sample doped with 1, 3, 6 and 10 at%  $\text{Eu}^{3+}$  ions. Samples were excited at 260 nm.



**Fig. S2.** Emission spectra from monoclinic  $\text{Y}_2\text{GeO}_5$  sample doped with 2, 4, 6 and 10 at%  $\text{Eu}^{3+}$  ions. Samples were excited at 260 nm