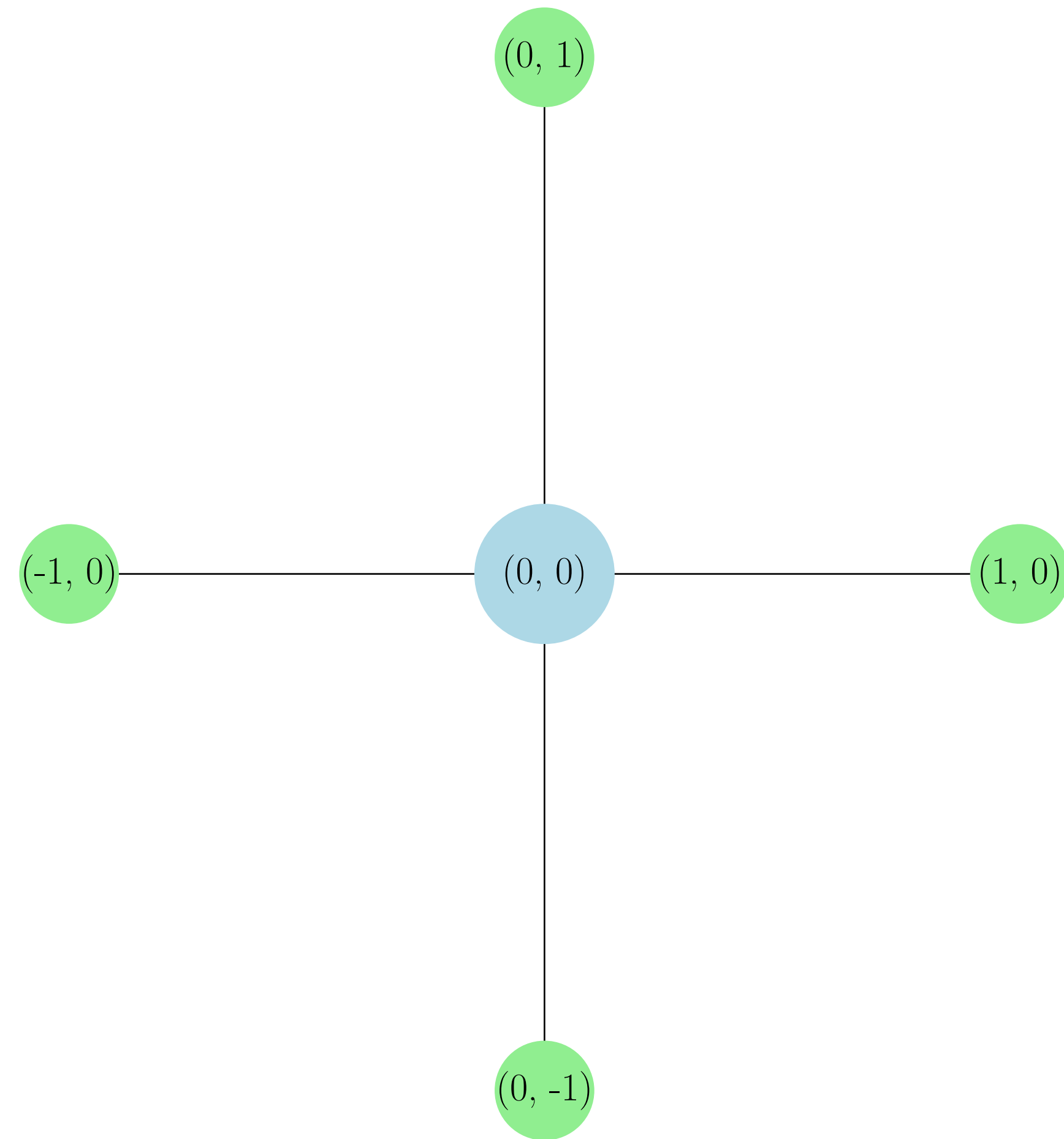
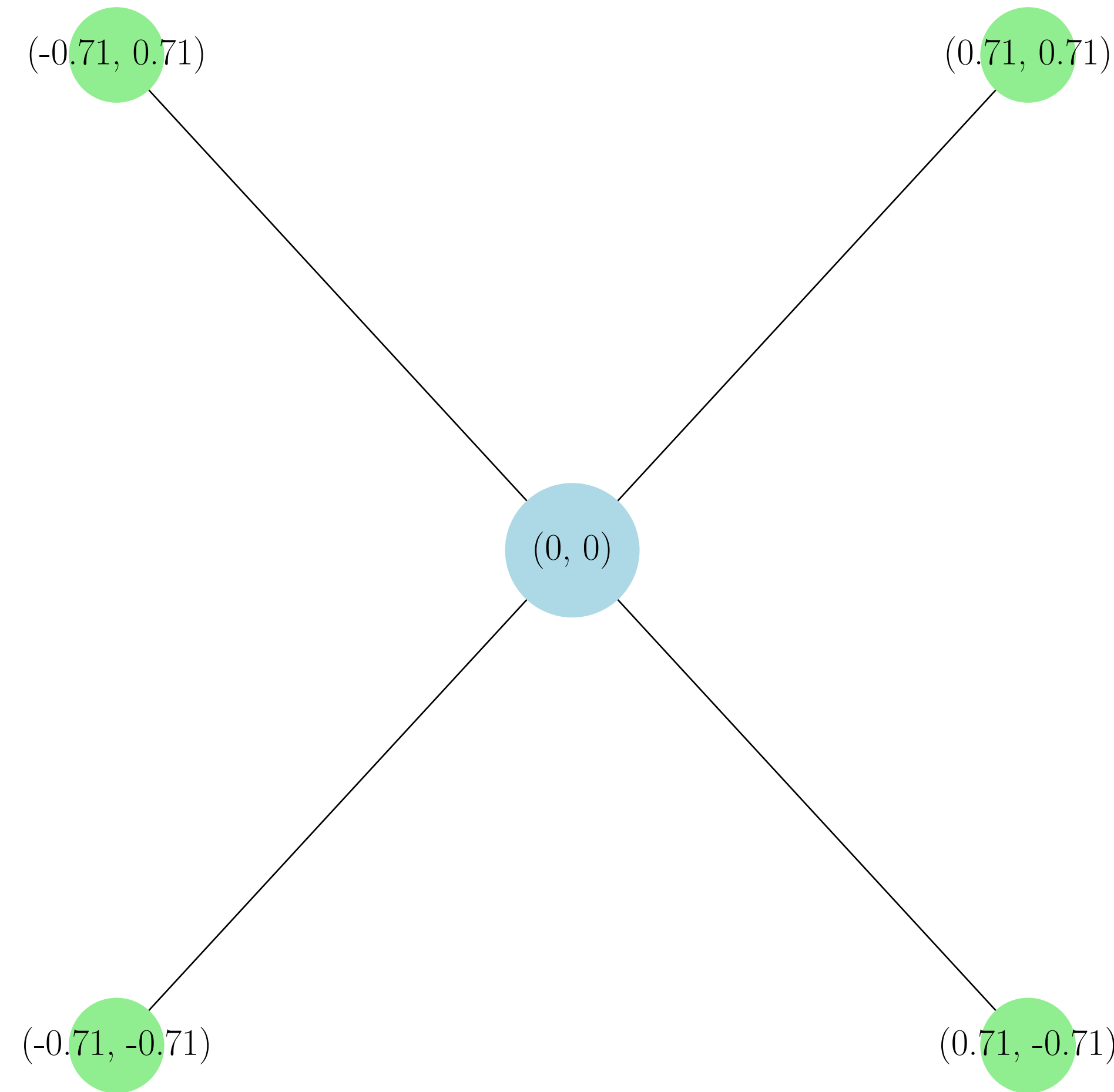


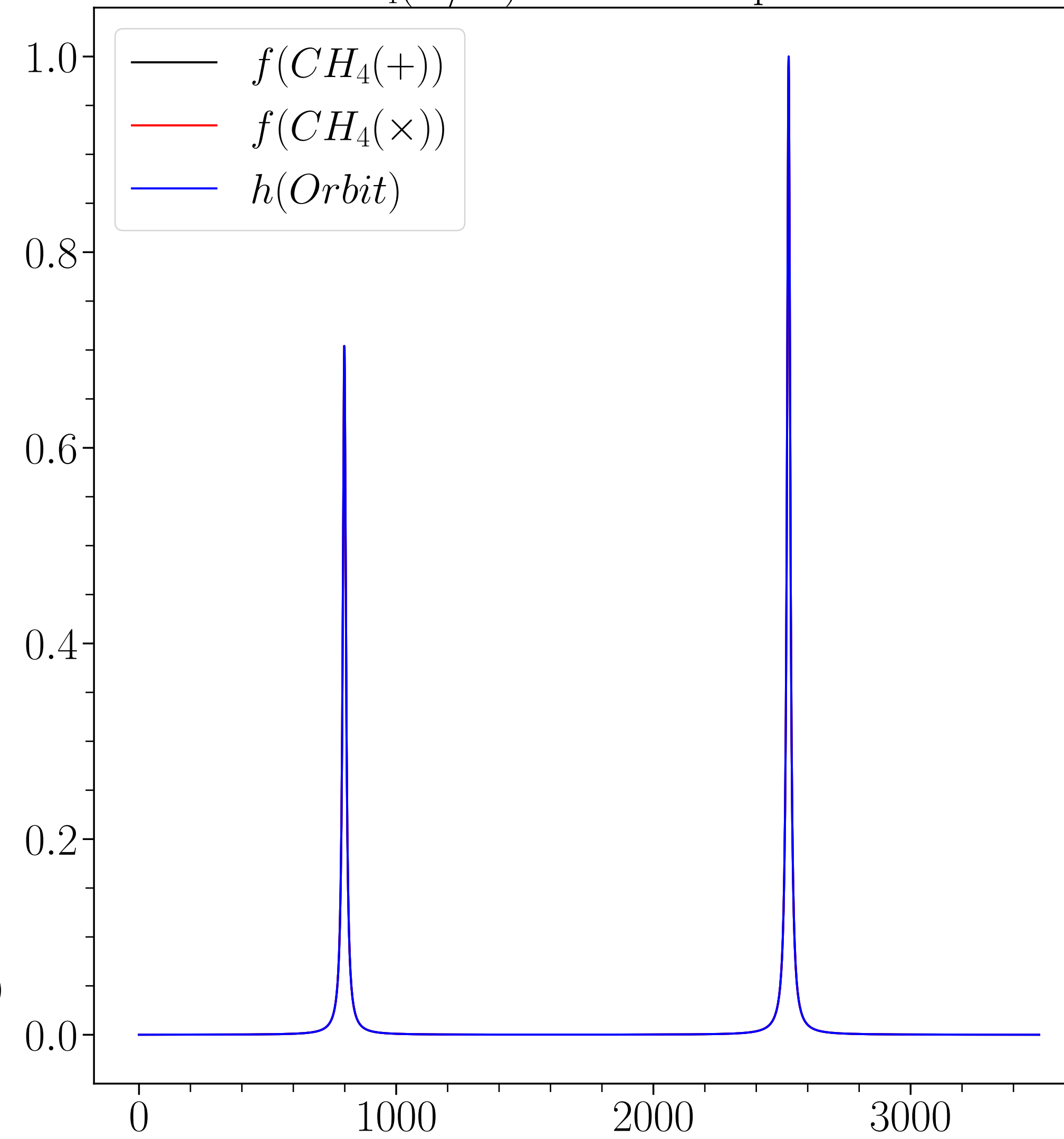
$CH_4(\times)$



$CH_4(+)$



$CH_4(+/\times)$ Transition Spectra



$\vec{\sigma}_1^2$

