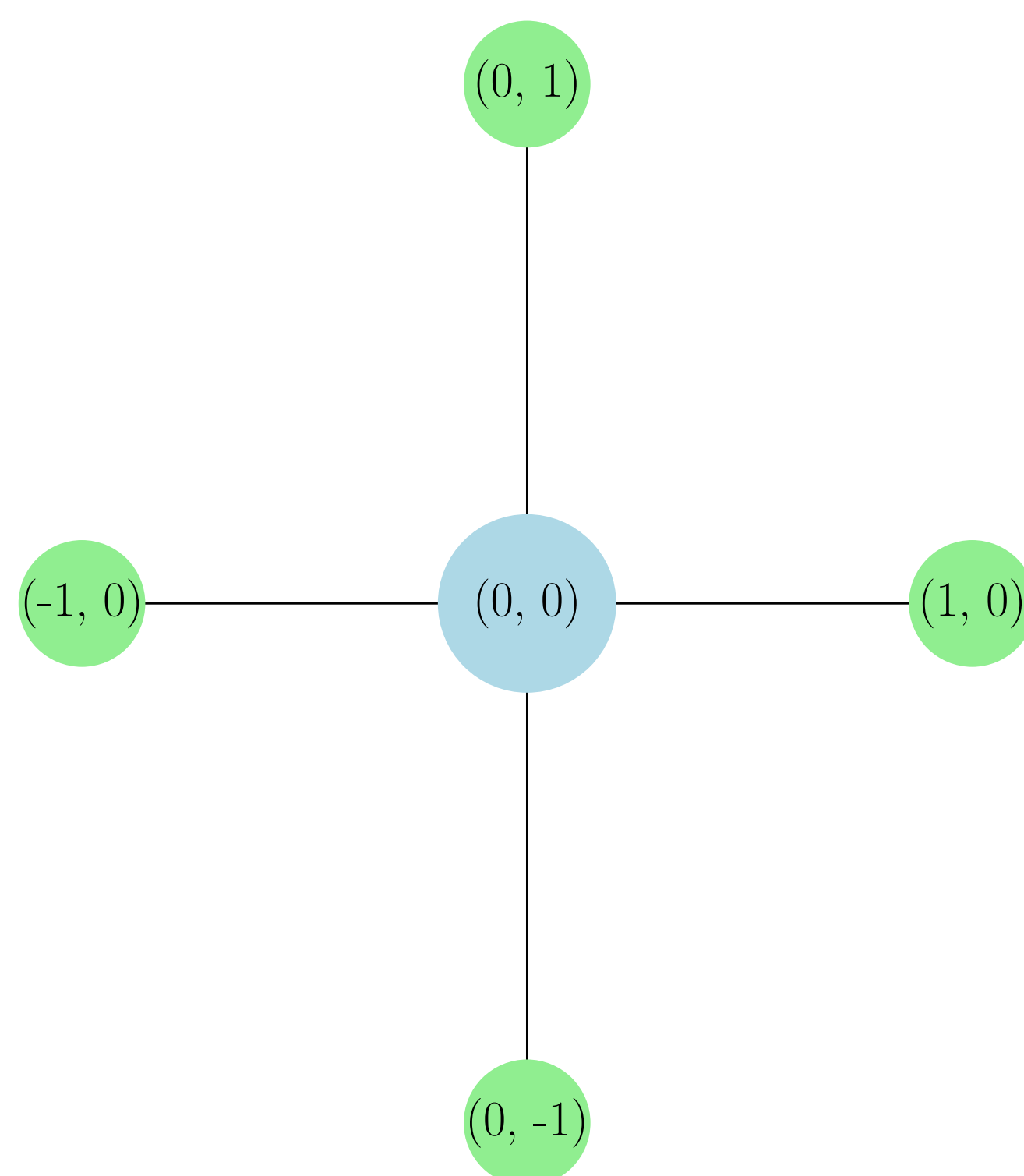
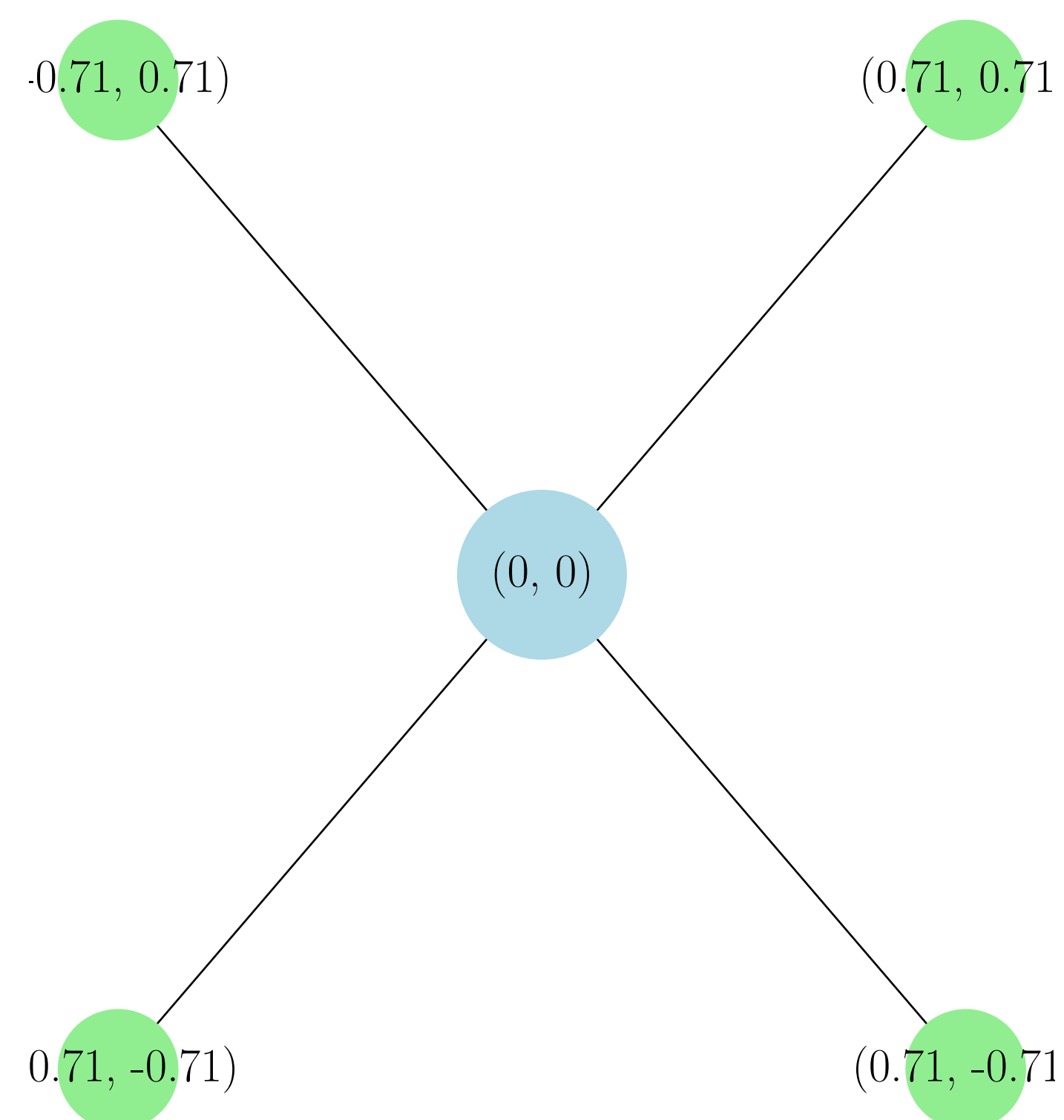
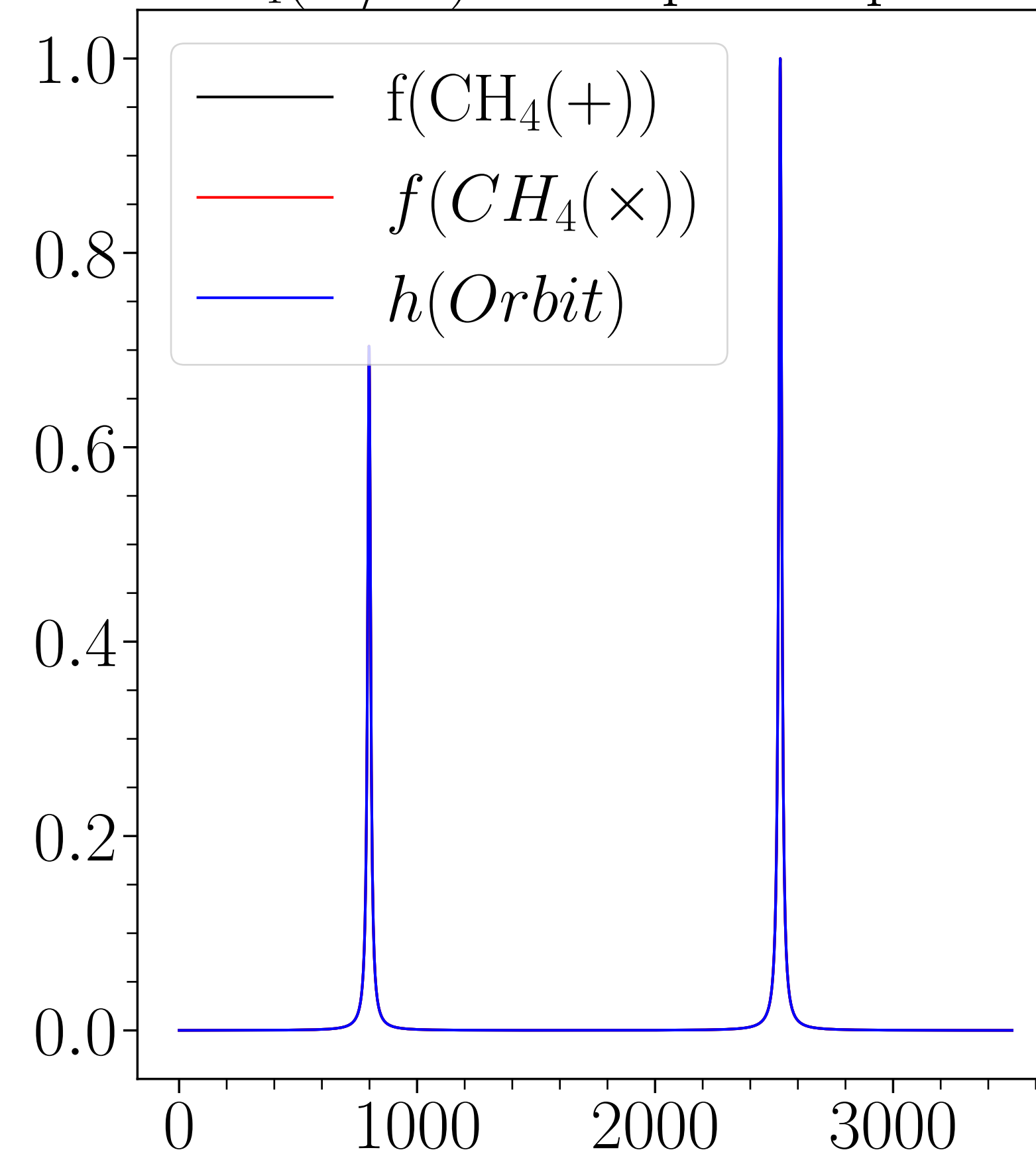
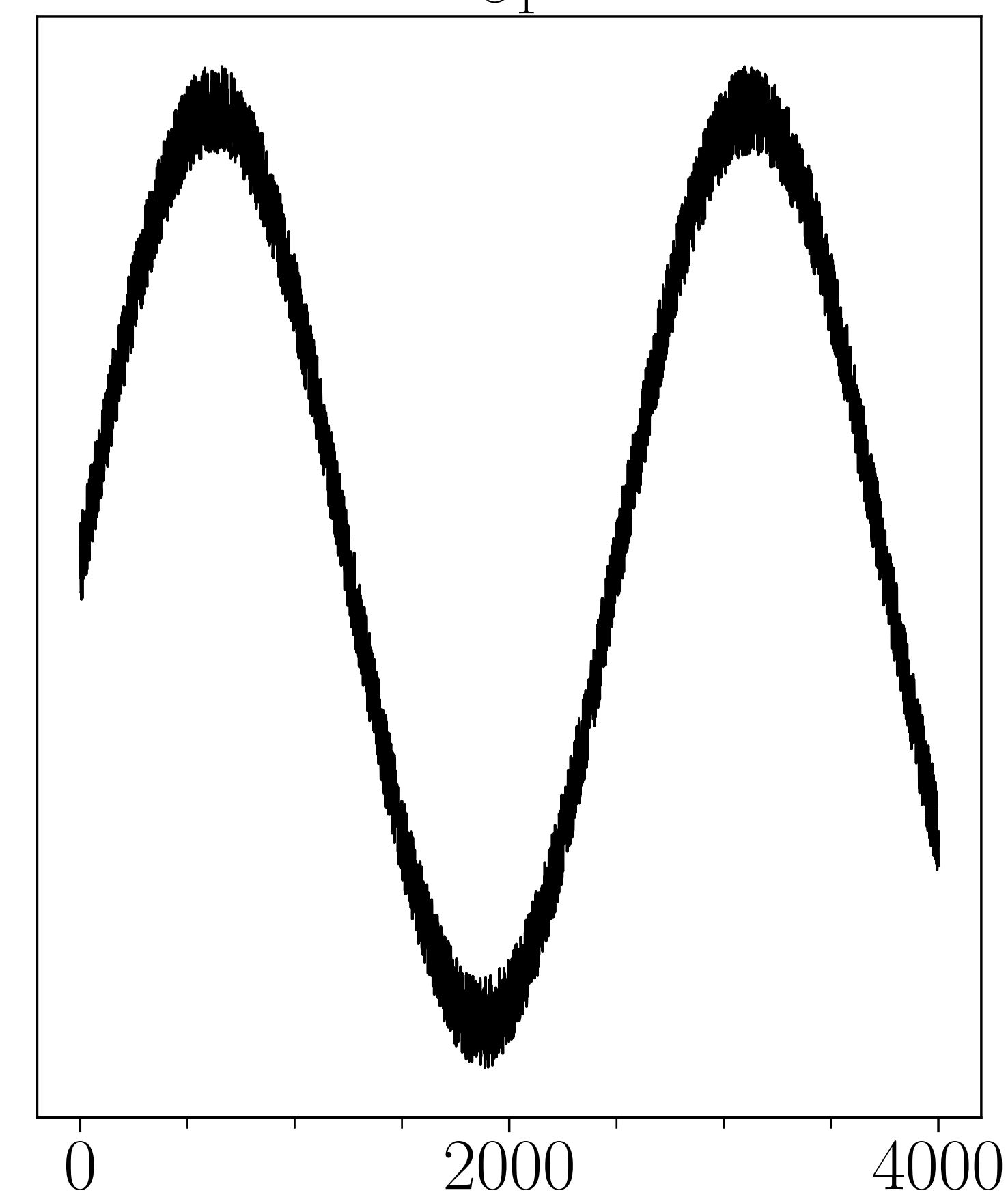
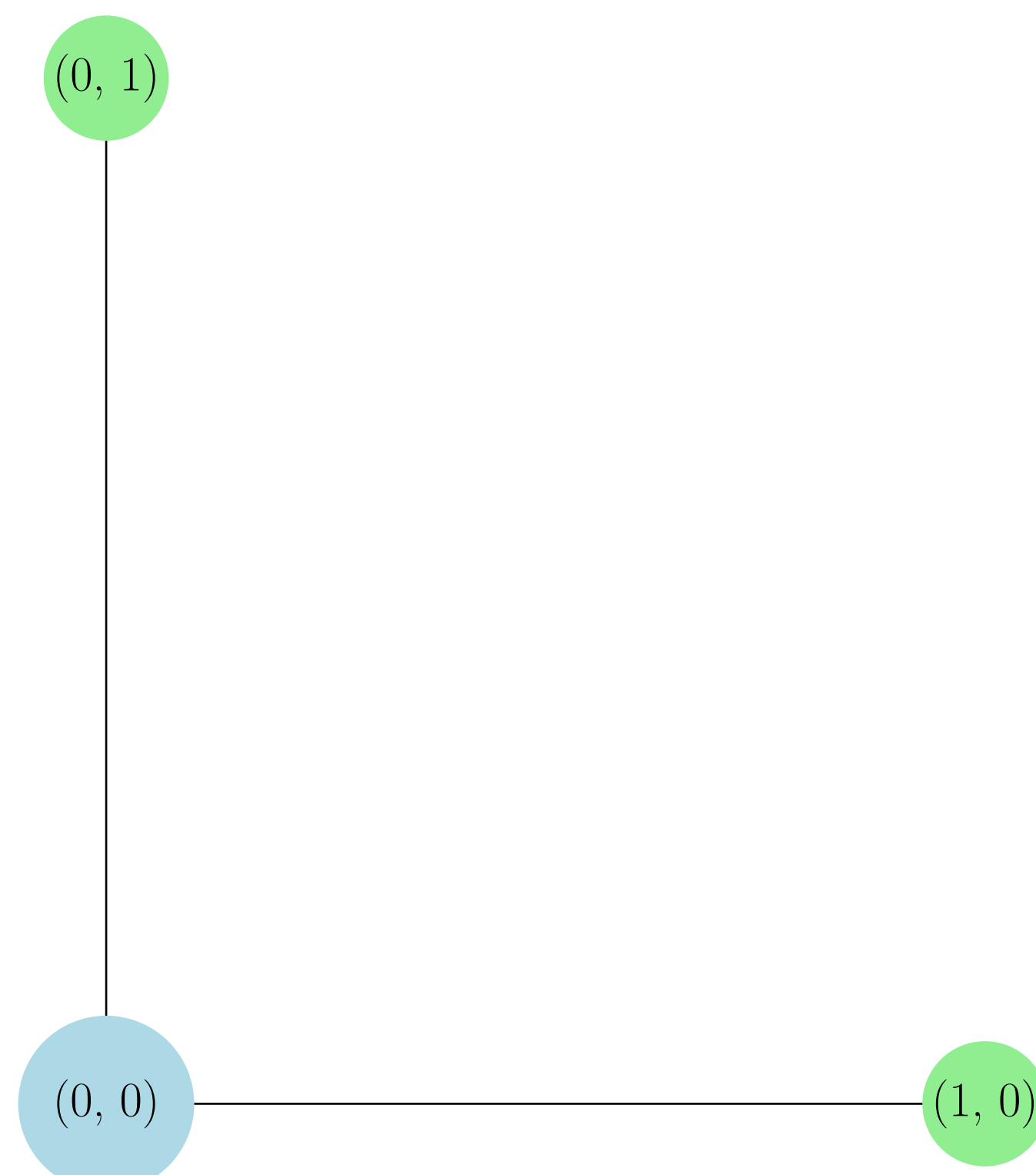
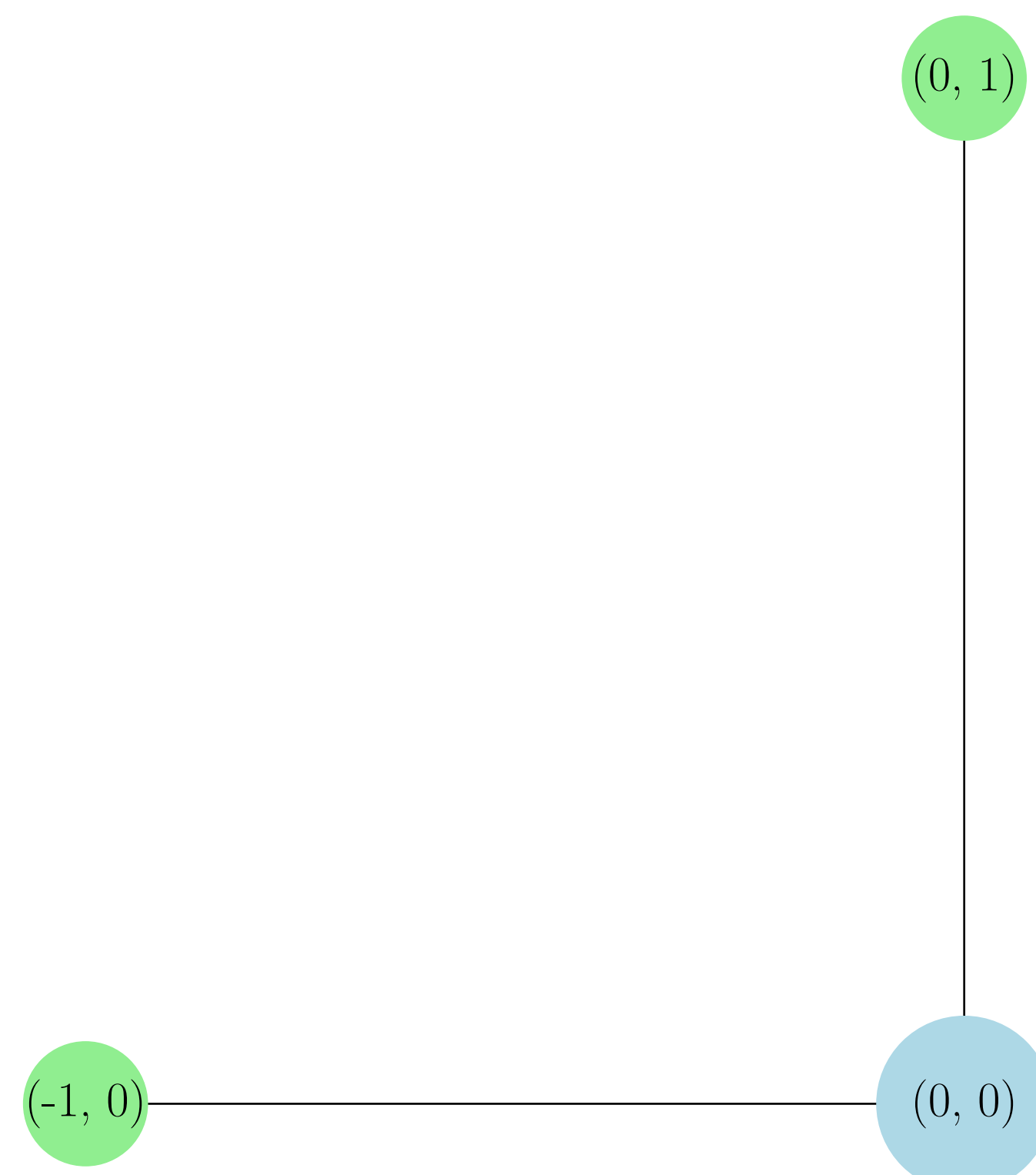
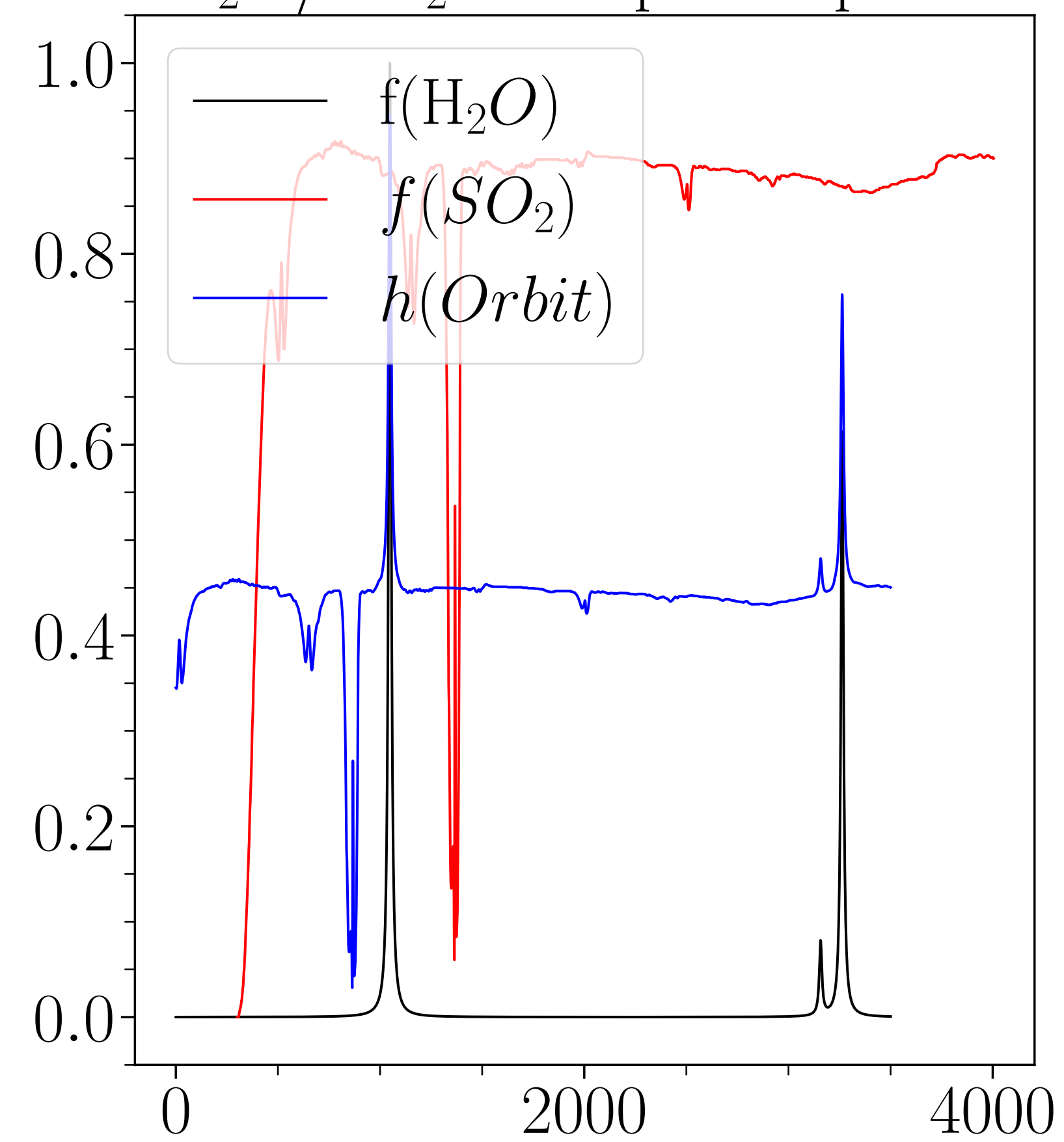
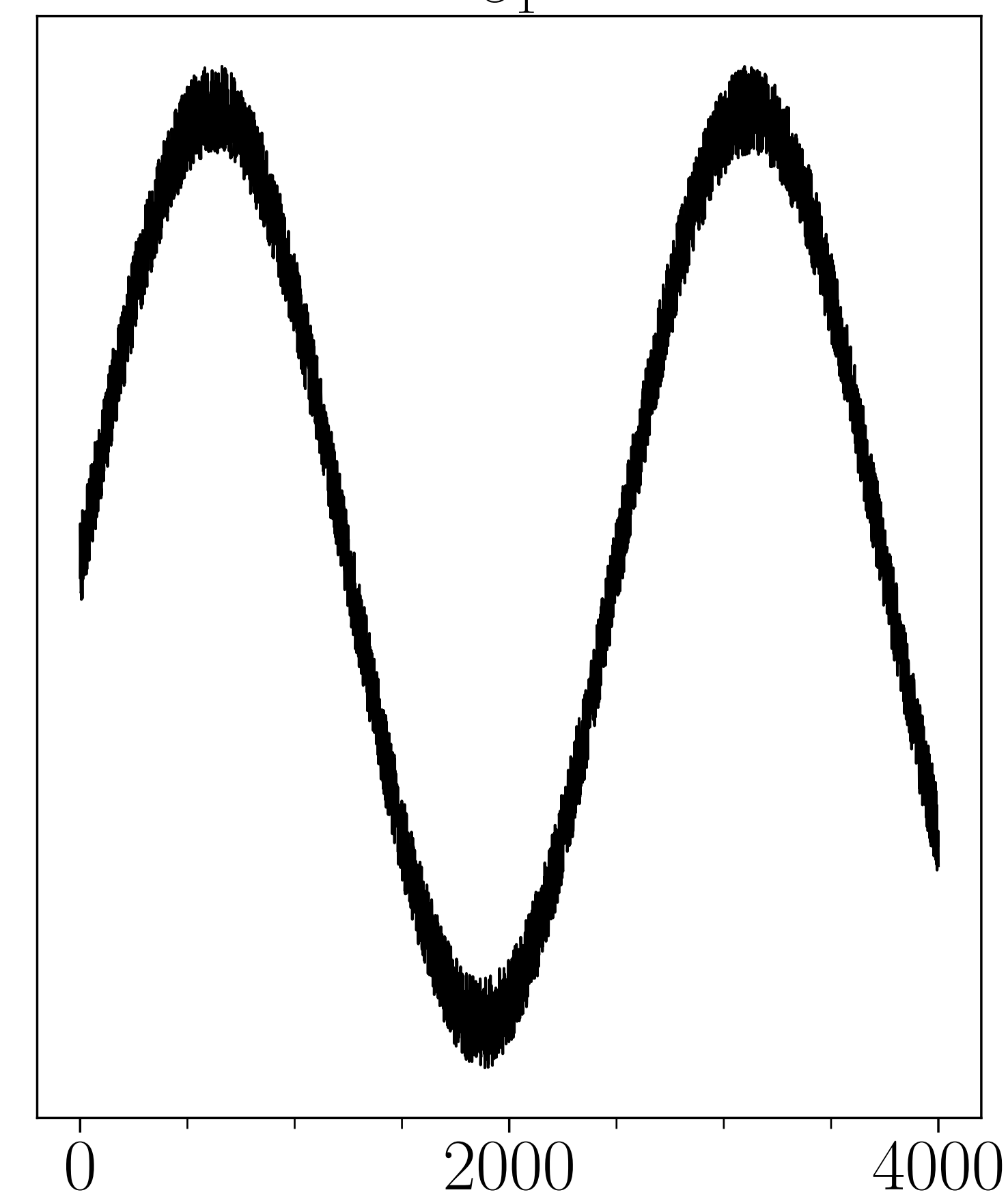
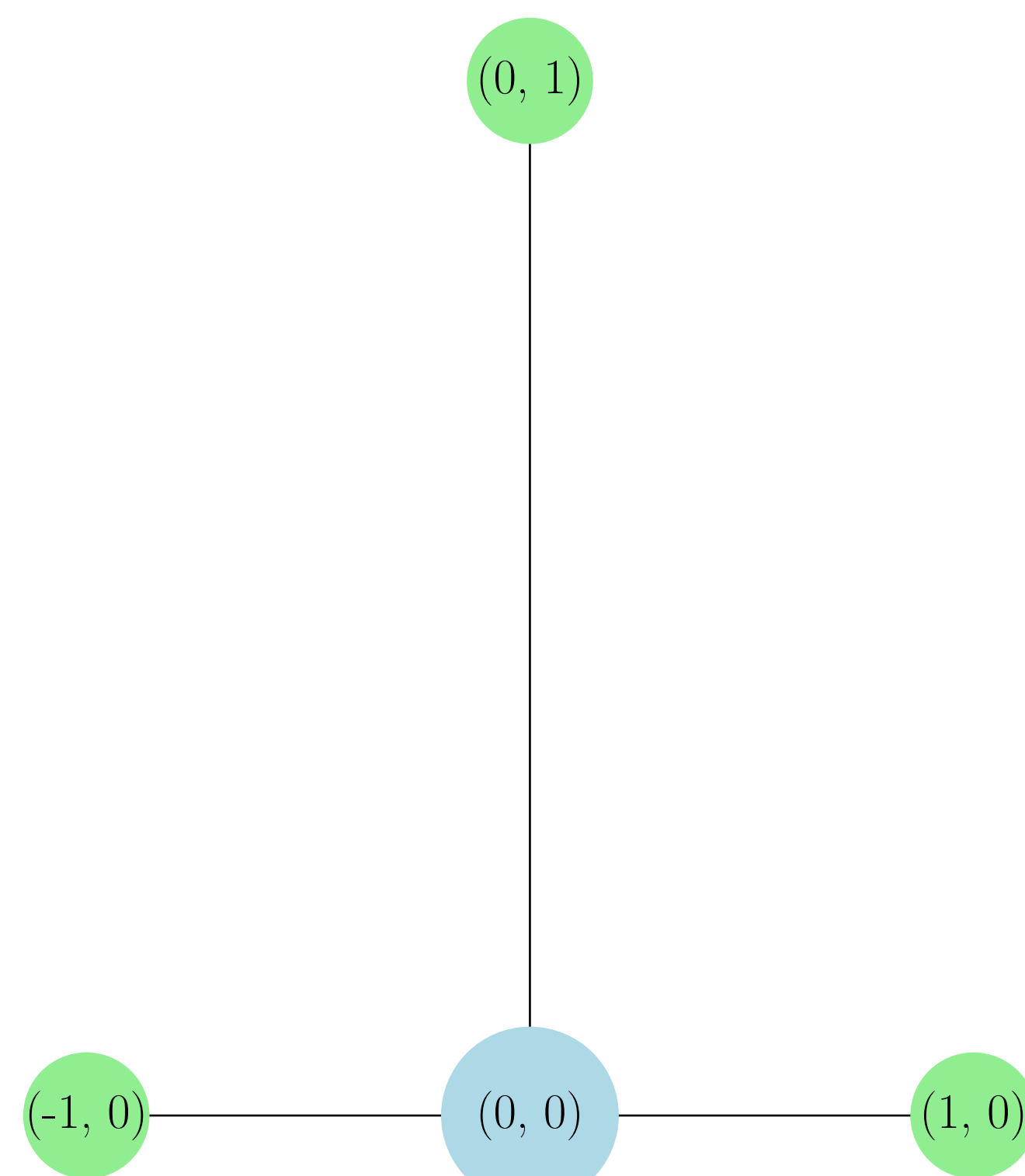
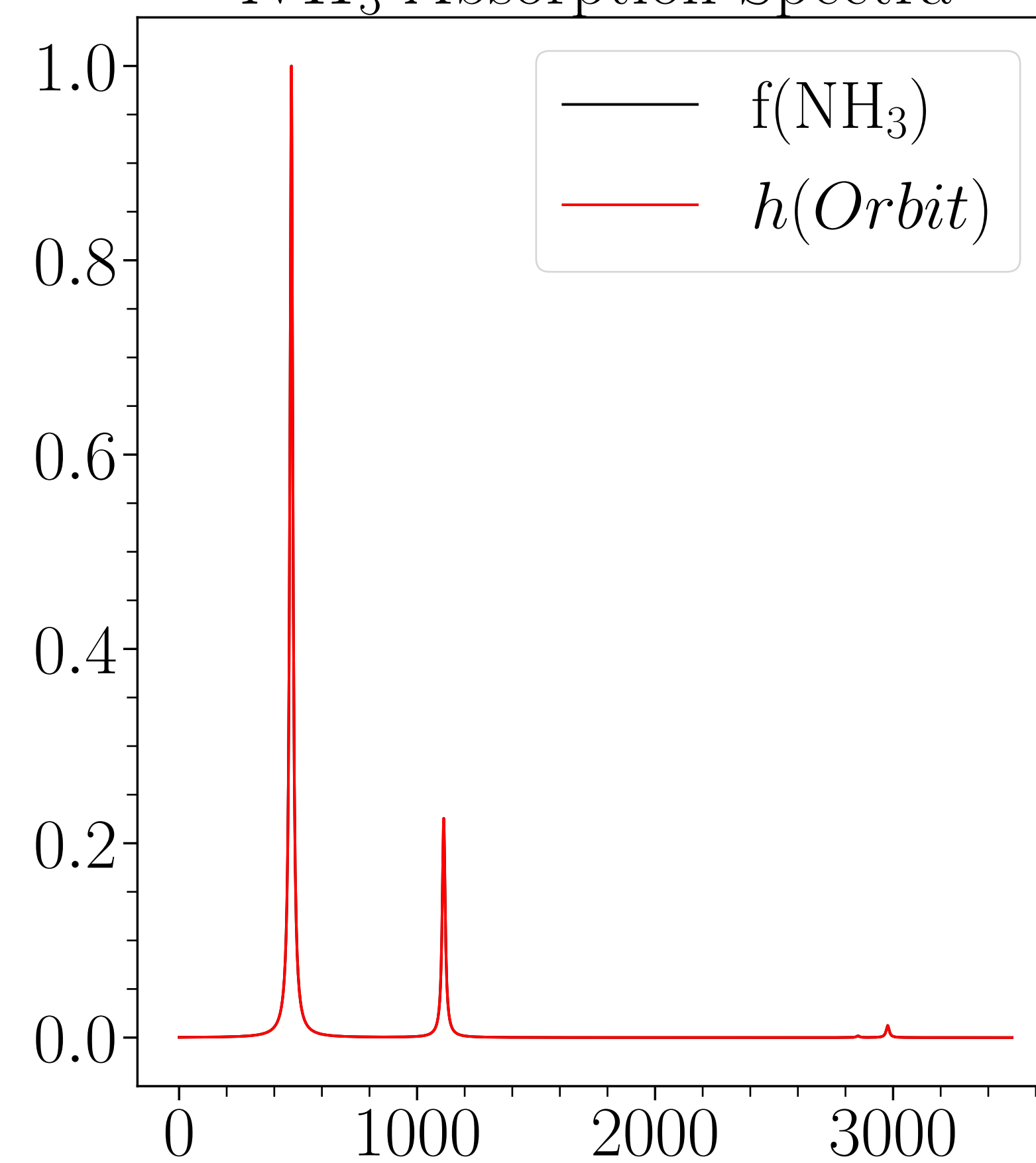


$CH_4(\times), p = 0.125$  $CH_4(+), p = 0.125$  $CH_4(+/\times)$ Absorption Spectra s_1  $H_2O, p = 0.125$  $SO_2, p = 0.125$  H_2O/SO_2 Absorption Spectra s_1  $NH_3, p = 0.5$  NH_3 Absorption Spectra s_2 