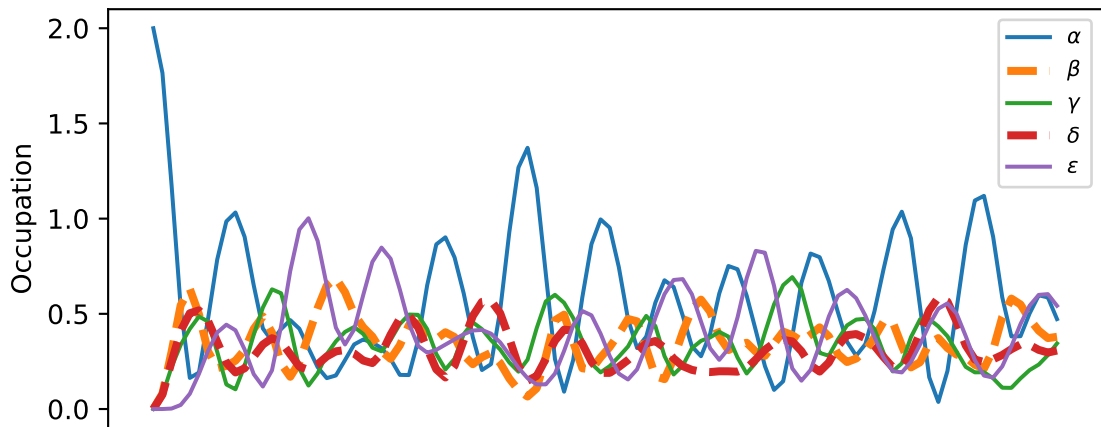
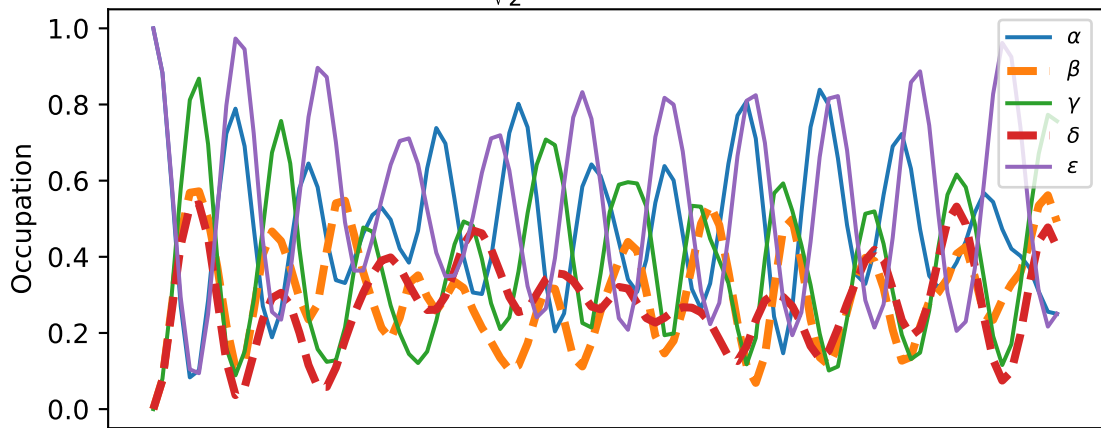


$$U = 0, \phi = 2\pi/3$$

 $|\alpha\alpha\rangle$ 

 $\frac{1}{\sqrt{2}}(|\alpha\alpha\rangle + |\varepsilon\varepsilon\rangle)$ 

 $|\alpha\varepsilon\rangle$ 
