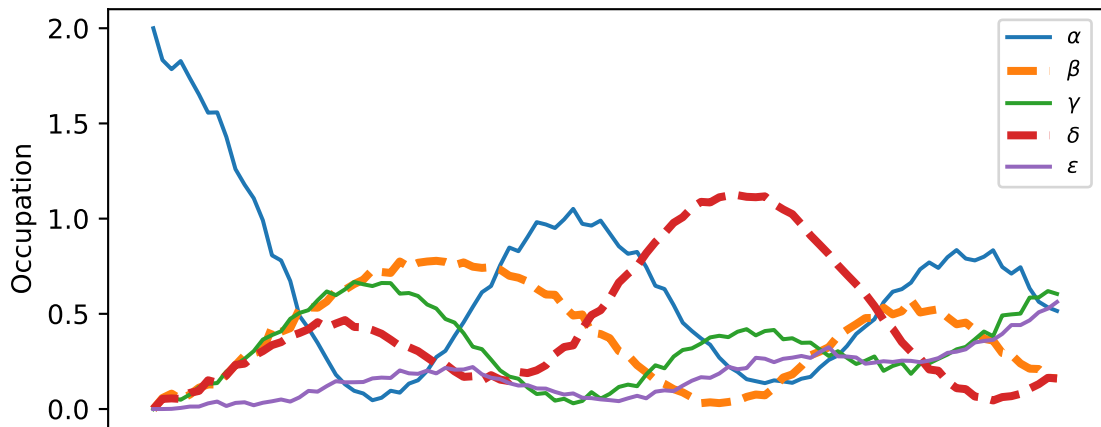
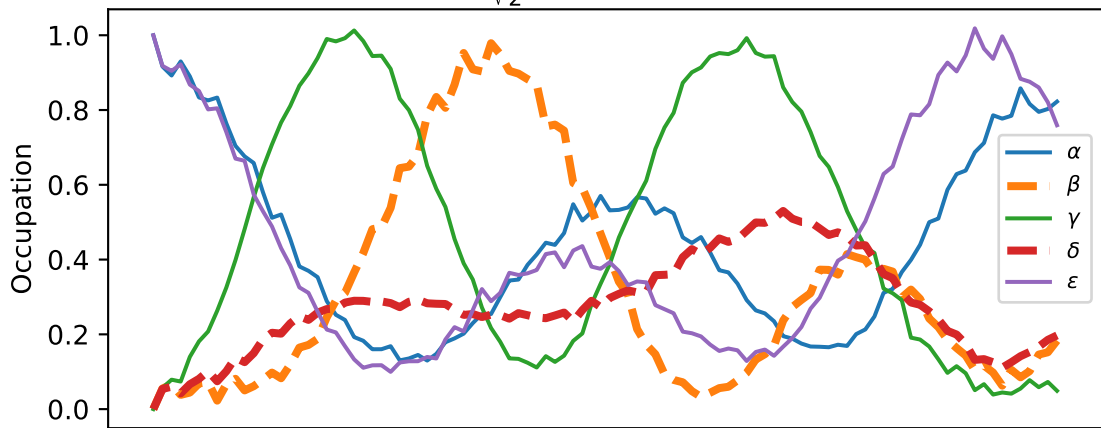


$$U = 10, \phi = 2\pi/3$$

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