

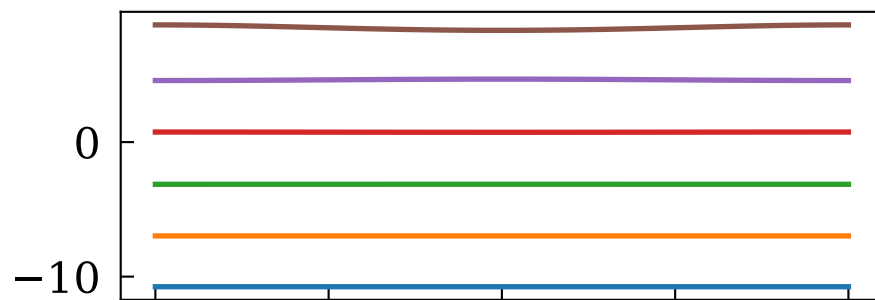
$$E_C = 40.00 \text{ GHz} \quad E_L = 0.067 \text{ GHz} \quad \Delta = 20 \text{ GHz}$$

Eigenenergies (GHz)

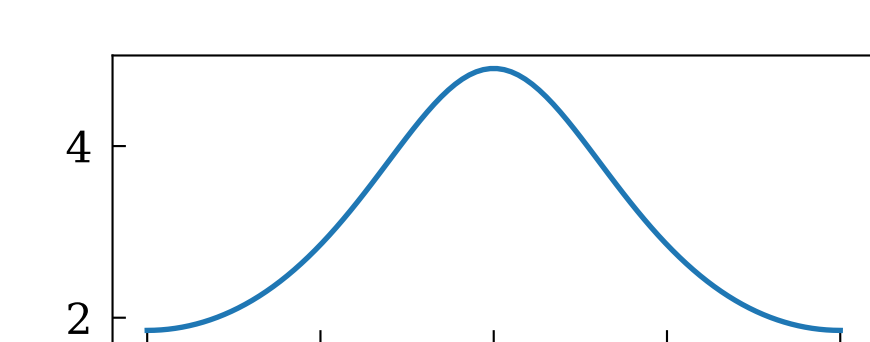
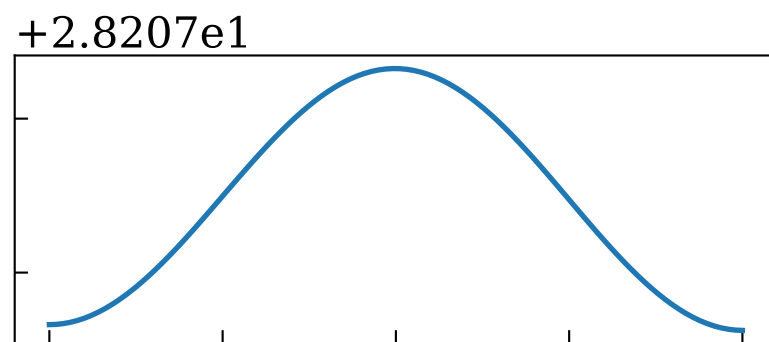
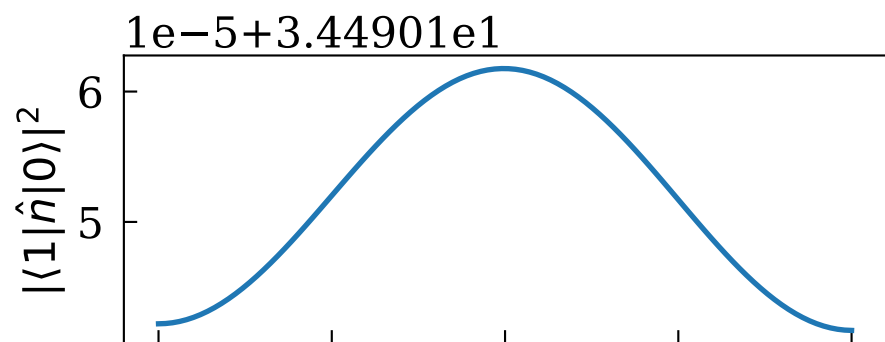
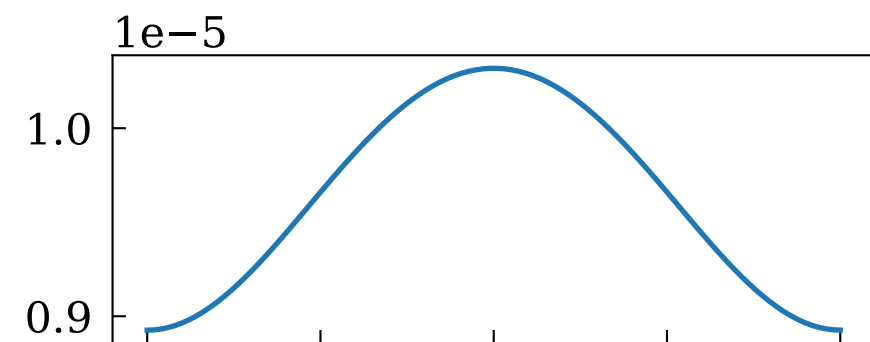
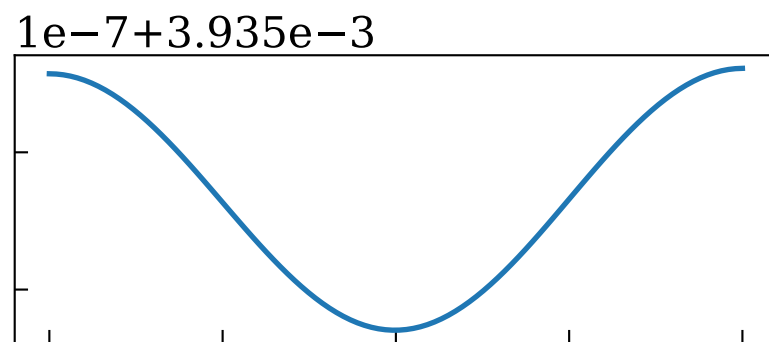
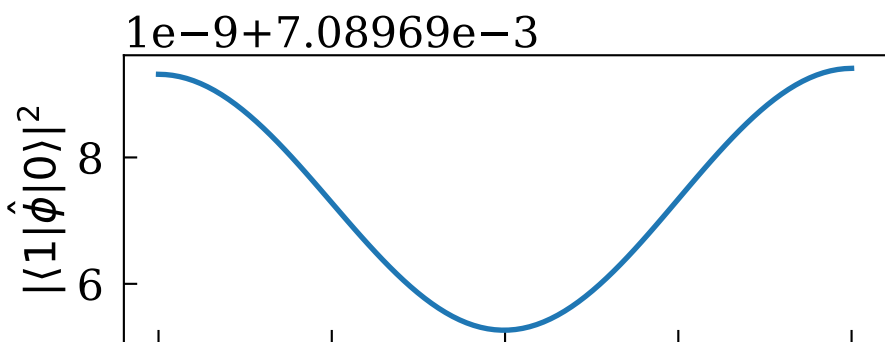
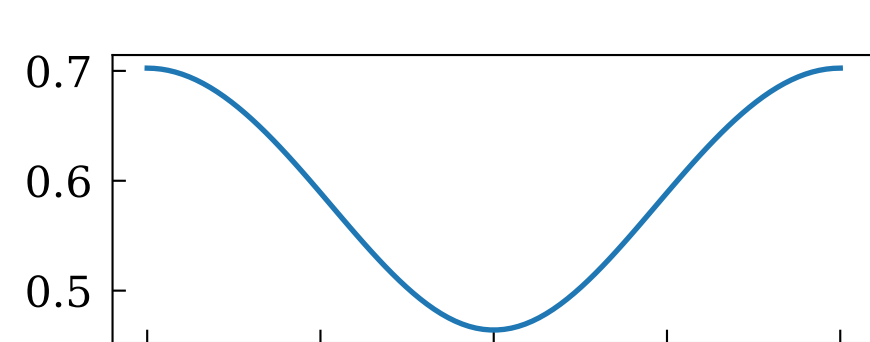
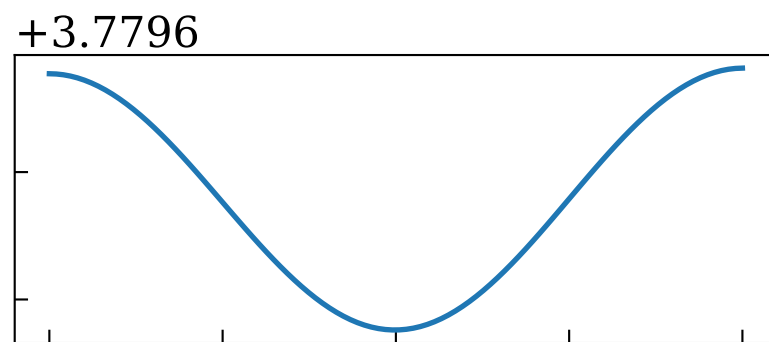
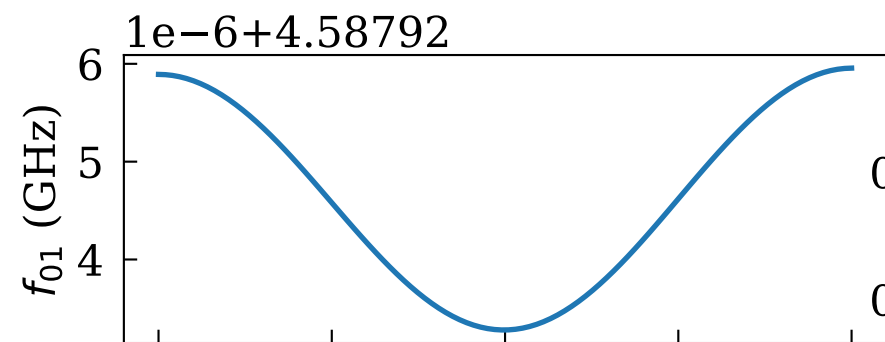
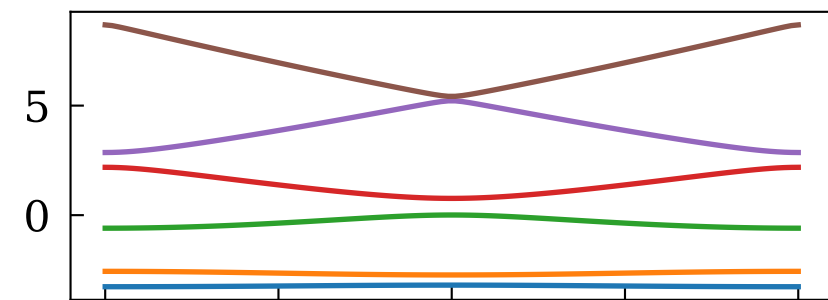
$r = 0.9$



$r = 0.5$



$r = 0.05$



$\phi_{\text{ext}}/2\pi$

$\phi_{\text{ext}}/2\pi$

$\phi_{\text{ext}}/2\pi$