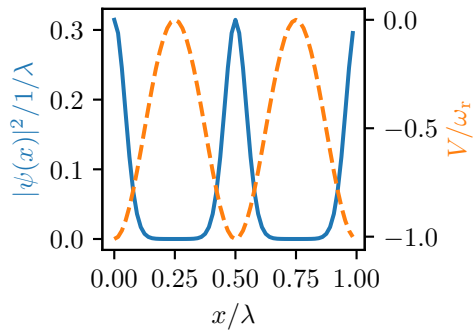
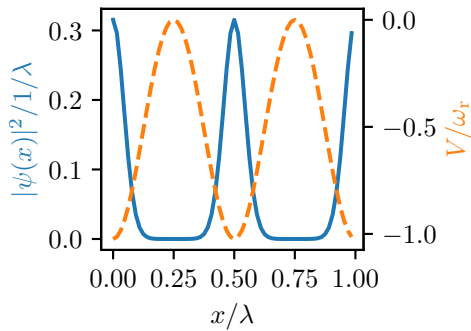


$$E = -7.85/\omega_r$$



$$E = -7.83/\omega_r$$



$$E = -2.38/\omega_r$$

