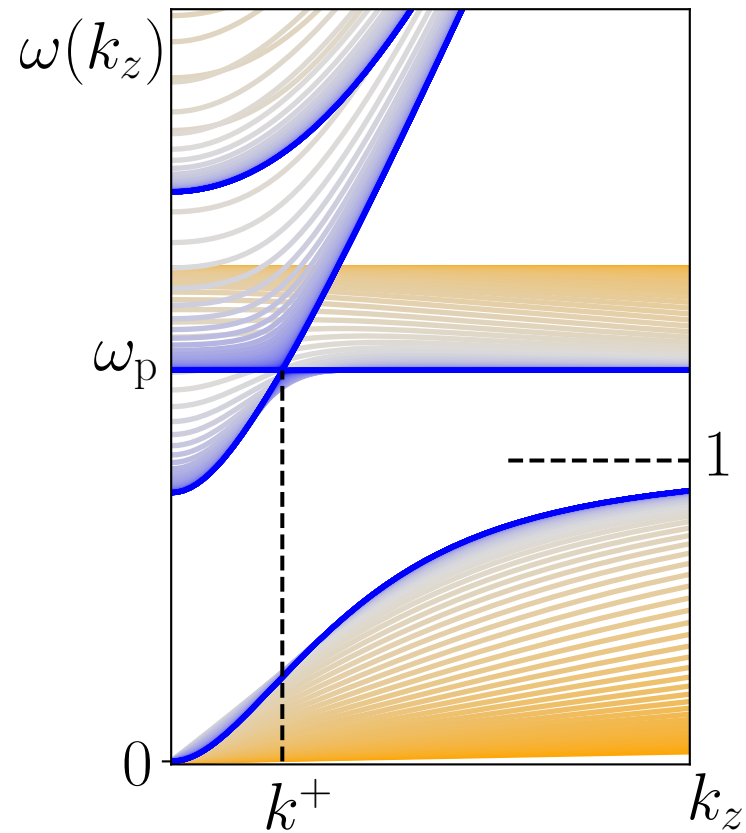


a

$$\omega_p > 1$$

**b**

$$\omega_p < 1$$

