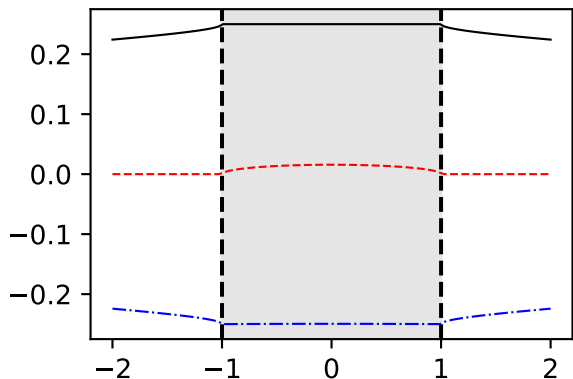


$$\vec{P} = [1 + 0i, 0 + 0i]$$



$$\vec{P} = [0 + 0i, 0 + 1i]$$

