$$\omega t = \pi/3$$

$$(1/2, 1)$$

$$\omega t = 0$$

$$(1, 1/2)$$

$$\omega t = \pi$$

$$(-1, -1/2)$$

$$\omega t = 4\pi/3$$

$$(-1/2, -1)$$

$$\omega t = 4\pi/3$$

$$(-1/2, -1)$$