

LÖSUNG ZU 564:

a)

$$k: X = (\cos(t) \mid \sin(t))$$

$$t_1 = 0: X = (\cos(0) \mid \sin(0)) = (1 \mid 0) = P_1$$

$$t_2 = \frac{\pi}{2}: X = (\cos(\frac{\pi}{2}) \mid \sin(\frac{\pi}{2})) = (0 \mid 1) = P_2$$

$$t_3 = \pi: X = (\cos(\pi) \mid \sin(\pi)) = (-1 \mid 0) = P_3$$

