Imaginary part of
$$x(t)$$

$$\begin{bmatrix} x_1 & x_2 & x_3 & x_4 & x_4 & x_5 & x$$

 $a = 3\cos(\pi/4) + j3\sin(\pi/4)$

 $x(t) = a \exp(bt), \qquad b = j2\pi$

Real part of x(t)

0

-1