$t = 0$

M

$R = 500\,\Omega$ $L = 0{,}5\,\text{H}$ $C = 4\,\mu\text{F}$

$i(t)$

$u_C(t)$

$u(t) = \sqrt{2} \cdot 220 \cos(100\pi t)\,\text{V}$