$$t = 0$$

$$M \qquad i(t)$$

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

$$R = 500 \Omega \qquad L = 0.5 \text{ H} \qquad C = 4\mu\text{F}$$

$$u_C(t)$$