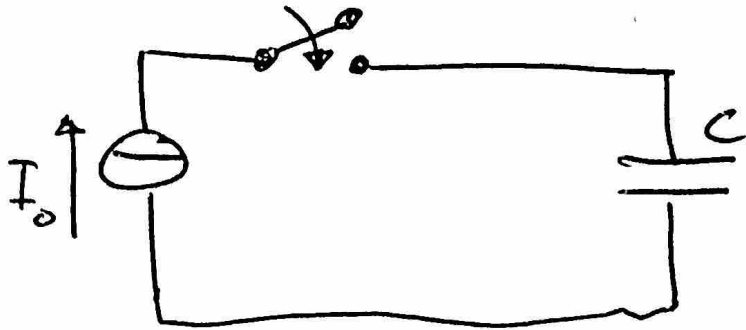


PROBLEM 5



$$I_0 = 0,061 \text{ A}$$

$$C = 0,000001 \text{ F}$$

$$Q = 0,001$$

$$V_c(-2 \text{ ms} \leq t < 0) = 0 \text{ V}$$

$$V_c(0,002) = \frac{I}{C} \cdot t \Rightarrow \frac{0,001}{0,000001} \cdot 0,002 = 2 \text{ V}$$

$$V_c = 2 \text{ V}$$

