



Q2. RC circuit V=40V R=1000

C=0.01 F U is the voltage of capaciton.

V-T TC RC flu + U= V

1) How many initial values need to kne?

and need to kne?

prential in the capacitor.

2) Find Ut)

PC \$\frac{1}{4}(u-v) + (u-v) \frac{1}{20}\$

\[
\begin{align*}
& -\frac{1}{12}(v-v) & \text{E} & \

DC, AC, LCR circuit, phesse angle

-13- revistor
-m- indutor
-11- Capacitor