Exp.9: RC Circuit

**V (volts)**

( 48 , 2.7279 )

$$v\_{c}$$

$$v\_{D}$$

( 50 , 1.6021 )

**T (sec)**

$$ε\_{max}=4.33 volt $$

$$v\_{c}=0.63 . ε\_{max}=0.63\left(4.33\right)=2.7279 volt $$

$$v\_{D}=0.37 . ε\_{max}=0.37\left(4.33\right)=1.6021 volt $$

$$τ\_{c}=48 sec $$

$$τ\_{D}=50 sec $$