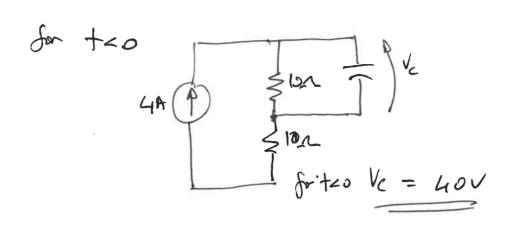


$$\int_{0}^{\infty} \int_{0}^{\infty} \int_{0$$

Qz



For 
$$+70$$
 $4A = 30 = 700$ 
 $7 = 120 V$ 
 $7 = 120 V$ 

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$$Q_3$$
 for PHS  $I_L(o^+) = 0$   
 $I_L(o^+) = 2A$ .  
 $v = \frac{0.1}{200} = \frac{0.0005}{0.0005}$   
 $+70$   $I_L(+) = 2(1-e^{-\frac{1}{0.0005}})$ 

$$I_{R} = 2 - I_{L} = 2 - 2 + 2e^{-t/0.0005}$$

$$I_{R} = 2e^{-t/0.0005}$$

$$V_{R} = V_{L} = 400e^{-t/0.0005}$$

for LHS 
$$V_{C}(o^{-})=0$$
  
 $V_{C}(o^{-})=200V$   
 $C=RC$   $R=100$   $C=10nf$   
 $C=1\times10^{-3}$ 

Carbing LHS + Rots

for to V(t) = 400 e +/0.0005 - 200 (1-e-1/2003)