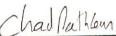
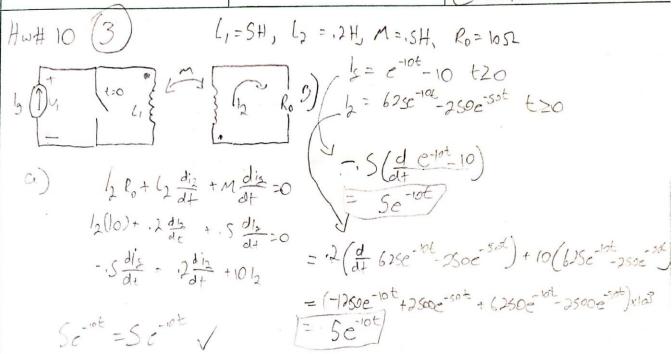
$$\begin{bmatrix} -200 & -800 & 28 & 7 & 14 \\ 1 & 1 & 1 & 16 \end{bmatrix} \quad A_2 = 7.06$$

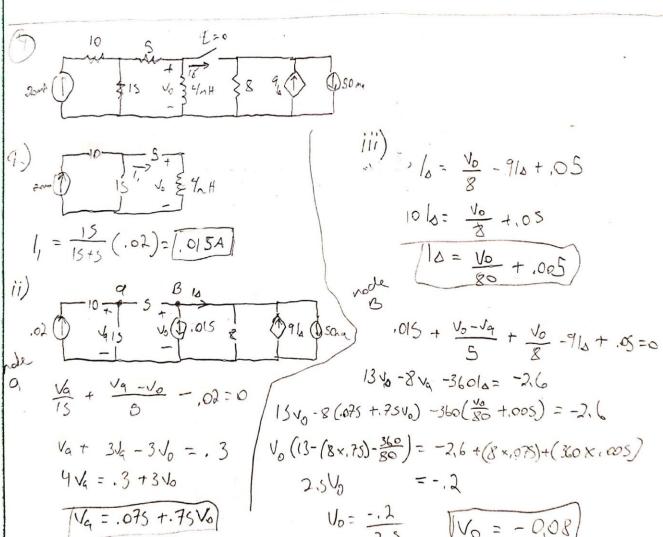
$$U(t) = \left(-200(.1)e^{-10000t} - 800(.06)e^{-4000t}\right)$$

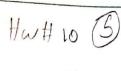
$$= \left(-20e^{-10000t}, 48e^{-40000t}\right)$$

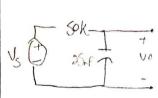
$$i_{\ell}(2s) = 1.3 - 3e^{-9Q}$$











) 
$$T = Rc = (50 \times 10^{3}) (25 \times 10^{3})$$
  
= 1.25 × 10<sup>-3</sup>5

$$t=8.45$$
  $V_0 = -100+(95.92+100)e^{-(t-.004)/3}$   
=  $-100+(95.92+100)e^{-300(t-.004)}$ .

$$V_{ot} = O(-920|-0)e^{-\frac{t-.00R}{1.25\times0^{-3}}}$$

$$= -92.0|e^{-800(t-.00R)}$$

