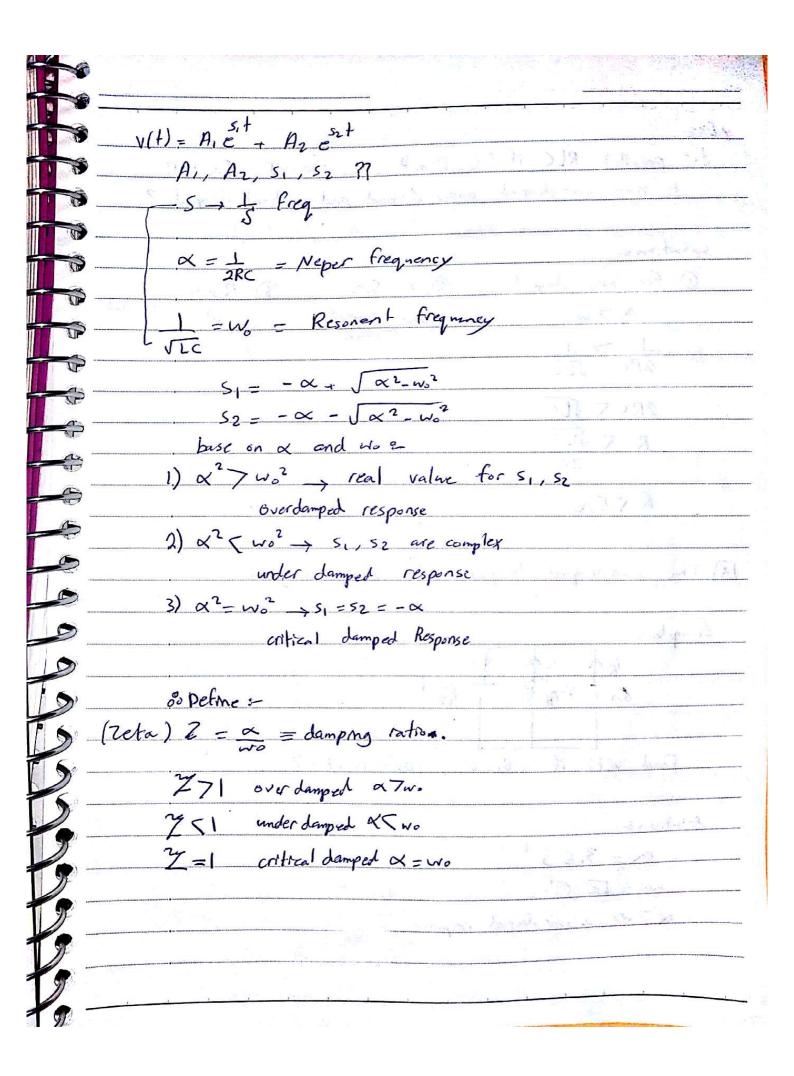


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Exe	1 12
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for parallel RLC if L=10mH, C=10mH, contract dem to have over damped, under damped and entract dem	7-66
solutione 3 Rs	51
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71 -1 1 P. 6 11-1 PIC "	
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Find $v(1)$ if $v(0)=0$, $i(0)=10$ A?	
Example 2 ight in thic on $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{42}$ f Find $v(1)$ if $v(0) = 0$, $i(0) = 10$ A? Solution 3	
Example 2 ight in the first for $\sqrt{7}$ and $\sqrt{7}$ ana	
Example 2 ight in vic on $\frac{1}{2}\sqrt{7}$ $\frac{1}{3}$ $\frac{1}{2}$ $\frac{1}{42}$ $\frac{1}{42}$ Find $v(1)$ if $v(0) = 0$, $i(0) = 10$ A? Solution 2 $x = 3.5 \cdot 5^{-1}$ $x_0 = \sqrt{8} \cdot 5^{-1}$	
Find $v(t)$ if $v(0) = 0$, $i(0) = 10 A$? Solution 2	



$$CAs^{2} e^{\frac{1}{2}} + As e^{\frac{1}{2}} + Ae^{\frac{1}{2}} = 0$$

$$Ae^{\frac{1}{2}} \left(cs^{2} + \frac{1}{2} + \frac{1}{2} \right) = 0$$

$$Ae^{\frac{1}{2}} \left(cs^{2} + \frac{1}{2} + \frac{1}{2} \right) = 0$$

$$Ae^{\frac{1}{2}} \left(cs^{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2} \right)$$

$$Ae^{\frac{1}{2}} \left(cs^{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2} \right)$$

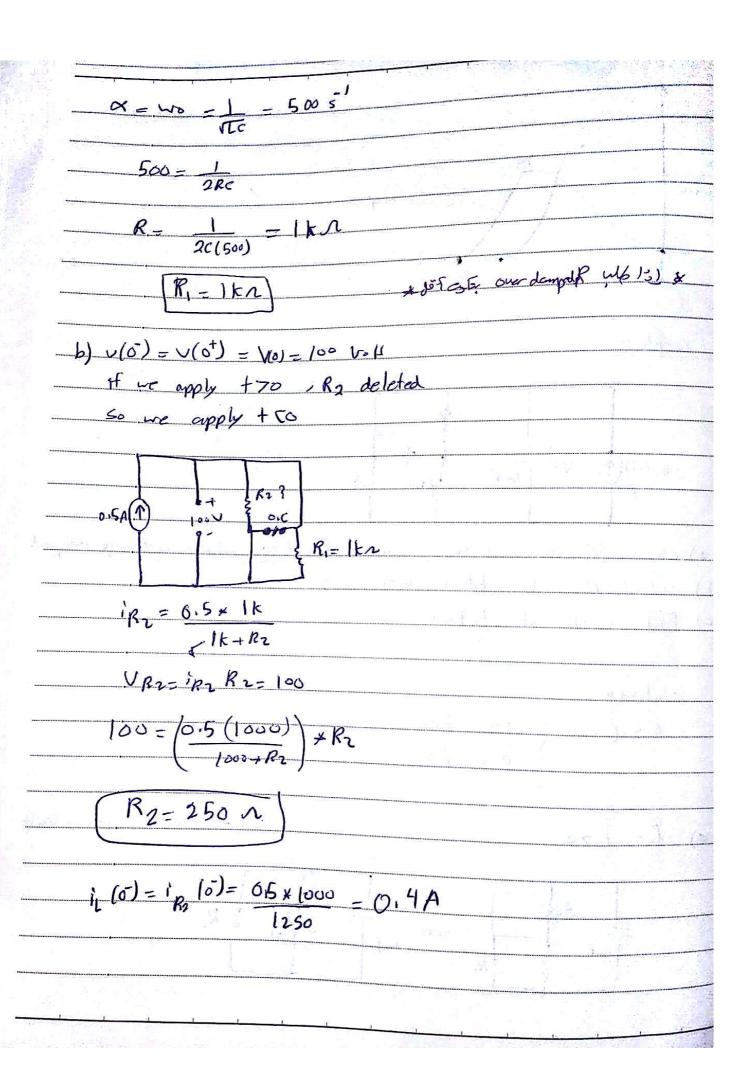
$$S = -B + \sqrt{B^{2} + 1/B^{2}}$$

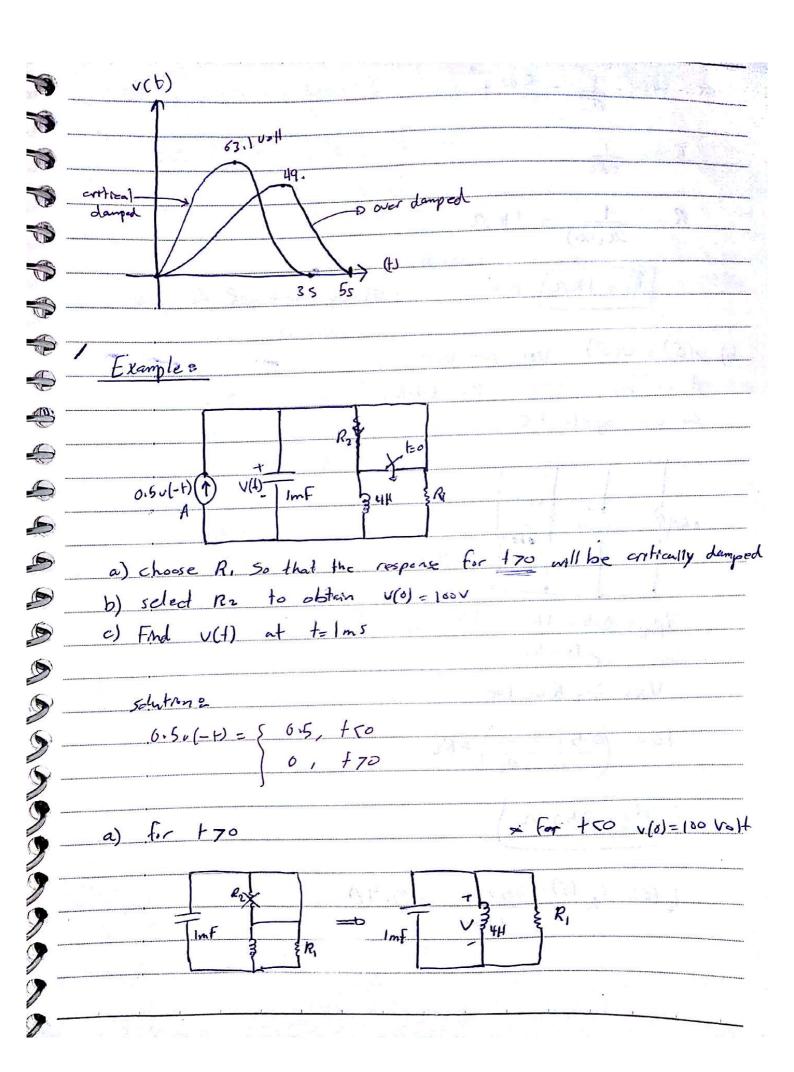
$$A = C + B + \sqrt{B^{2} + 1/B^{2}}$$

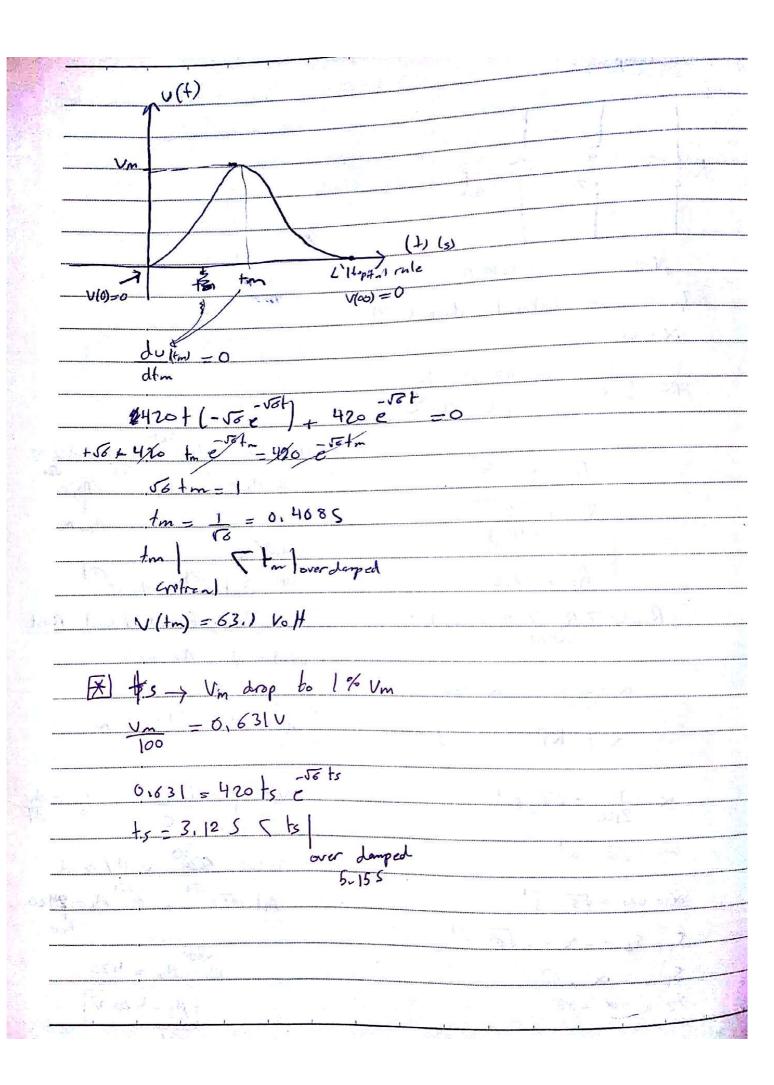
$$S = -\frac{1}{2} + \sqrt{(\frac{1}{2})^{2} - \frac{1}{1}}$$

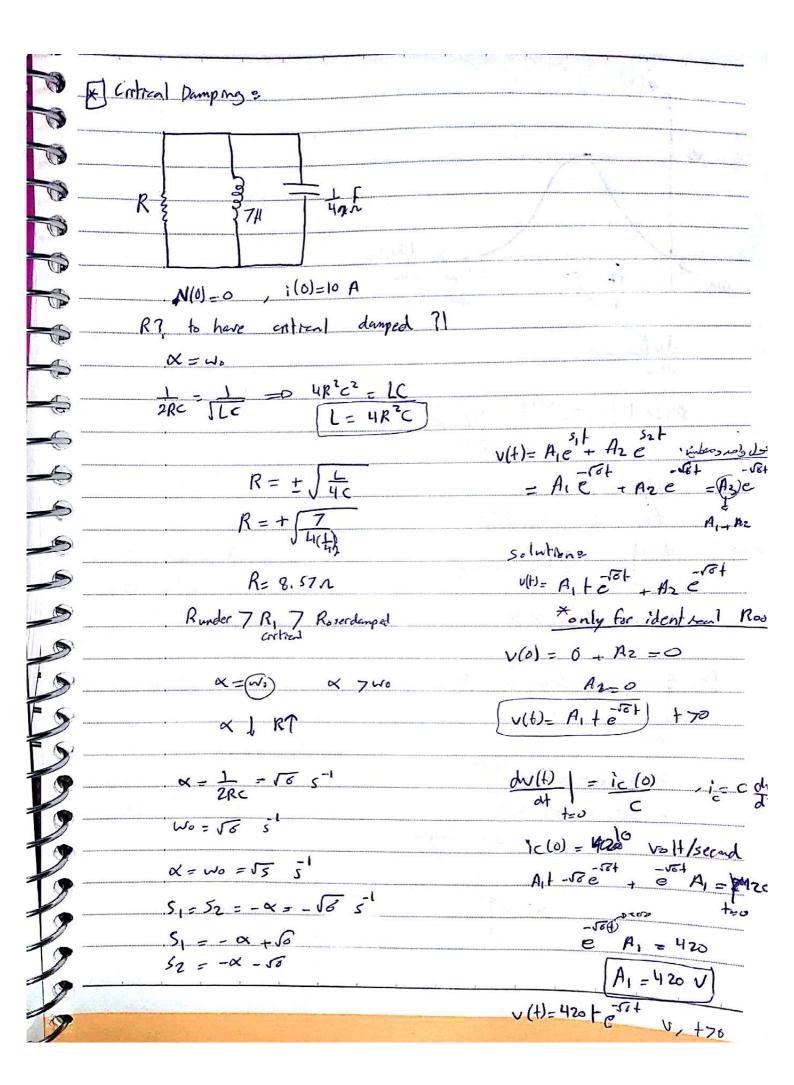
$$S = -\frac{1}{2} + Ae^{-\frac{1}{2}} + Ae^{-\frac{1}{2}} + Ae^{-\frac{1}{2}}$$

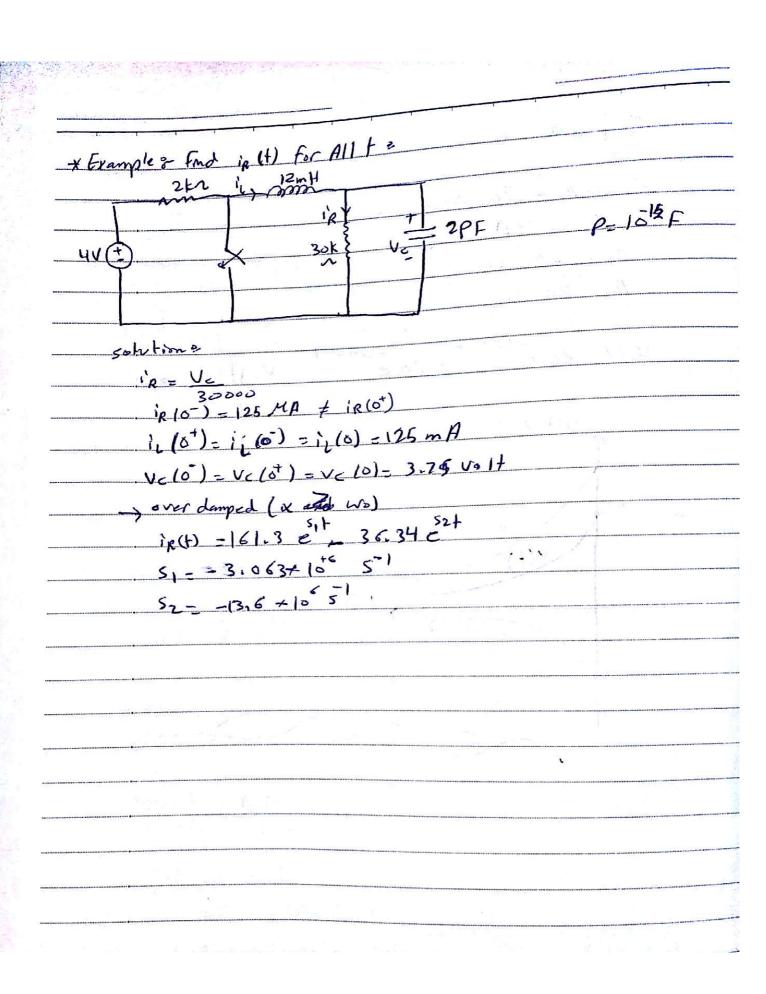
$$S = -\frac{1}{2} + Ae^{-\frac{1}{2}} + Ae^$$

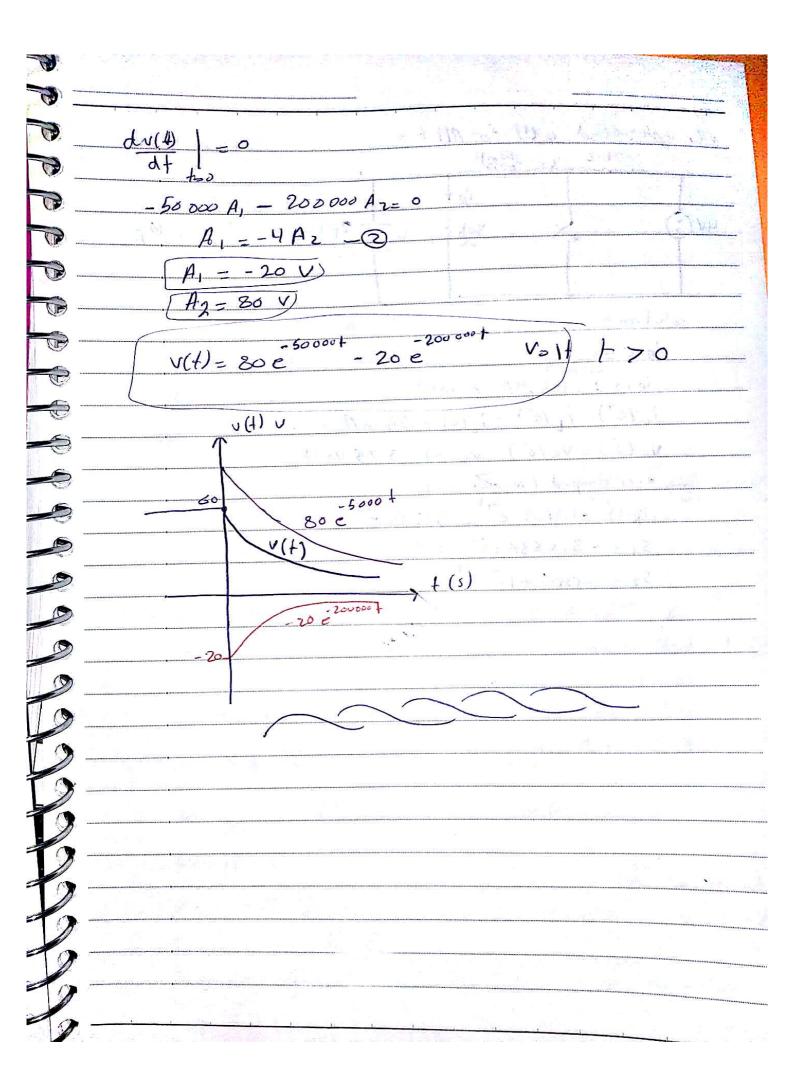


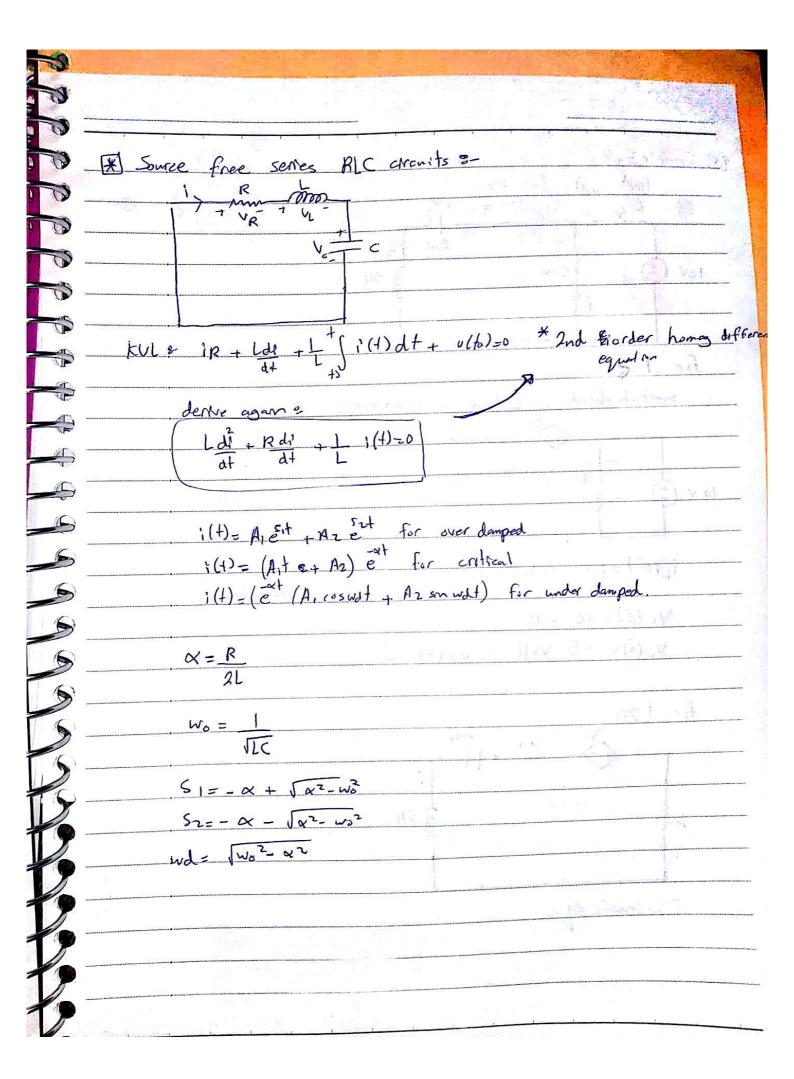


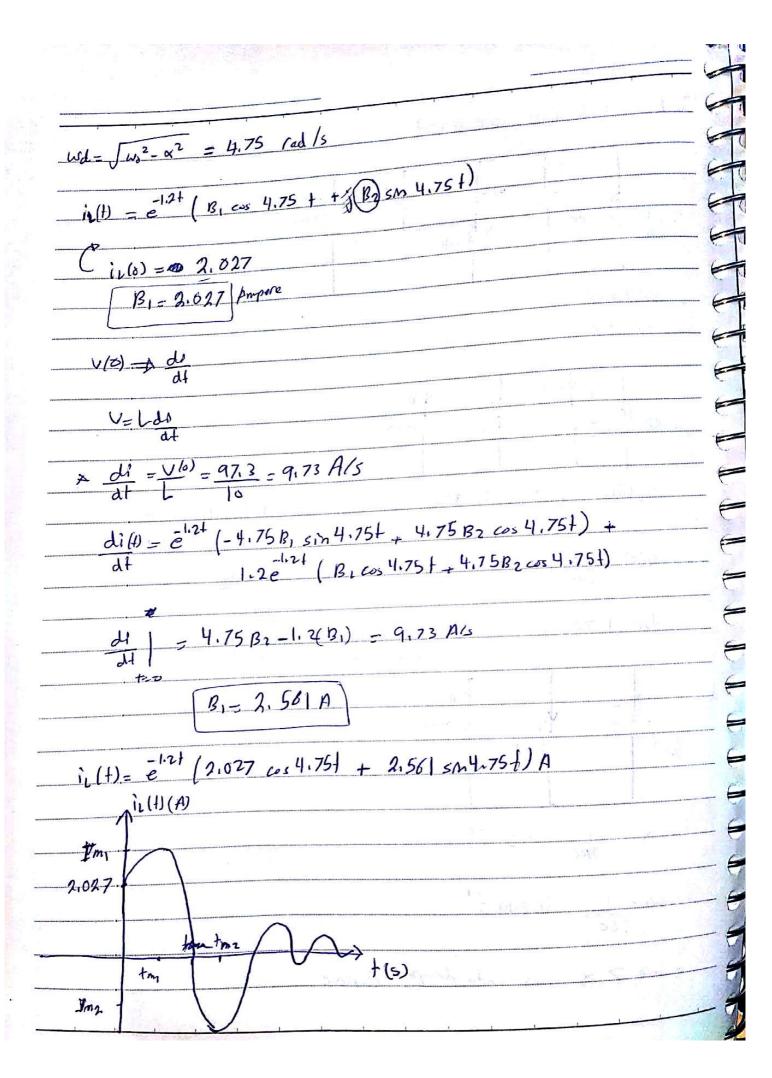


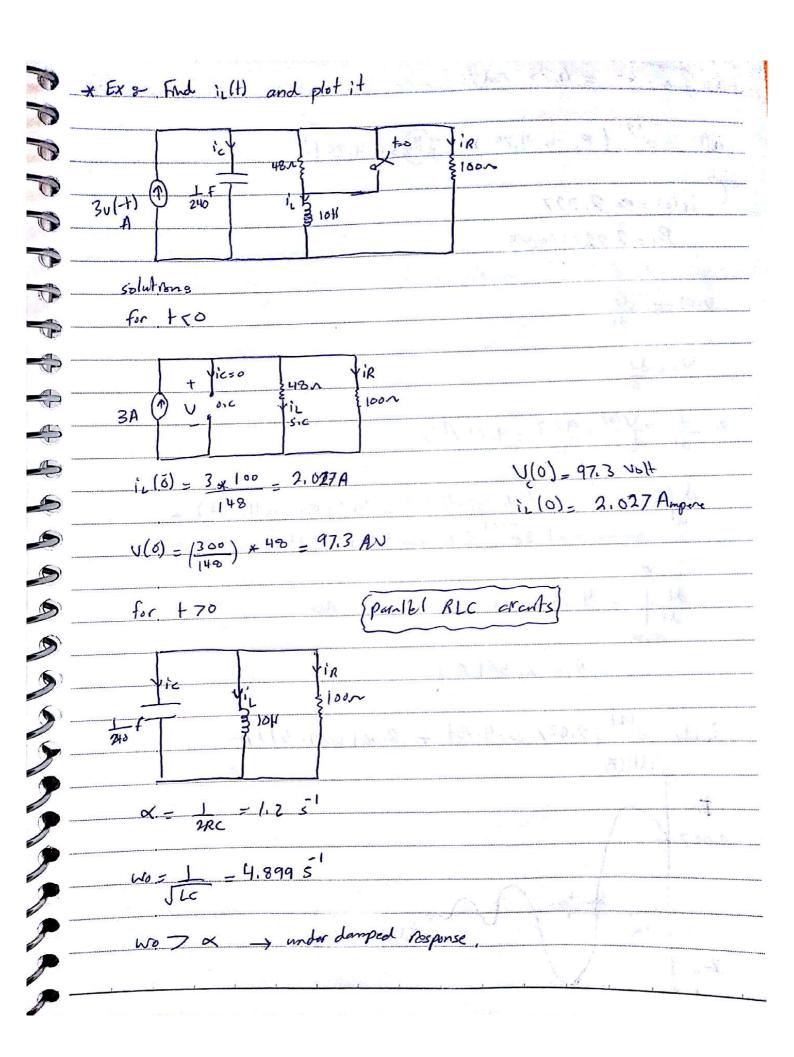


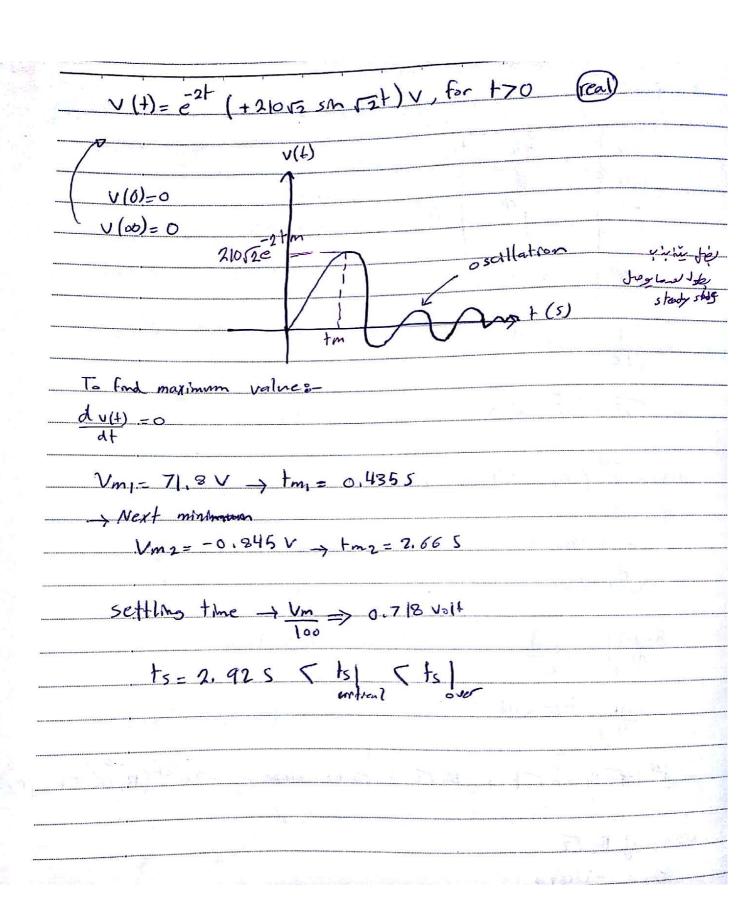


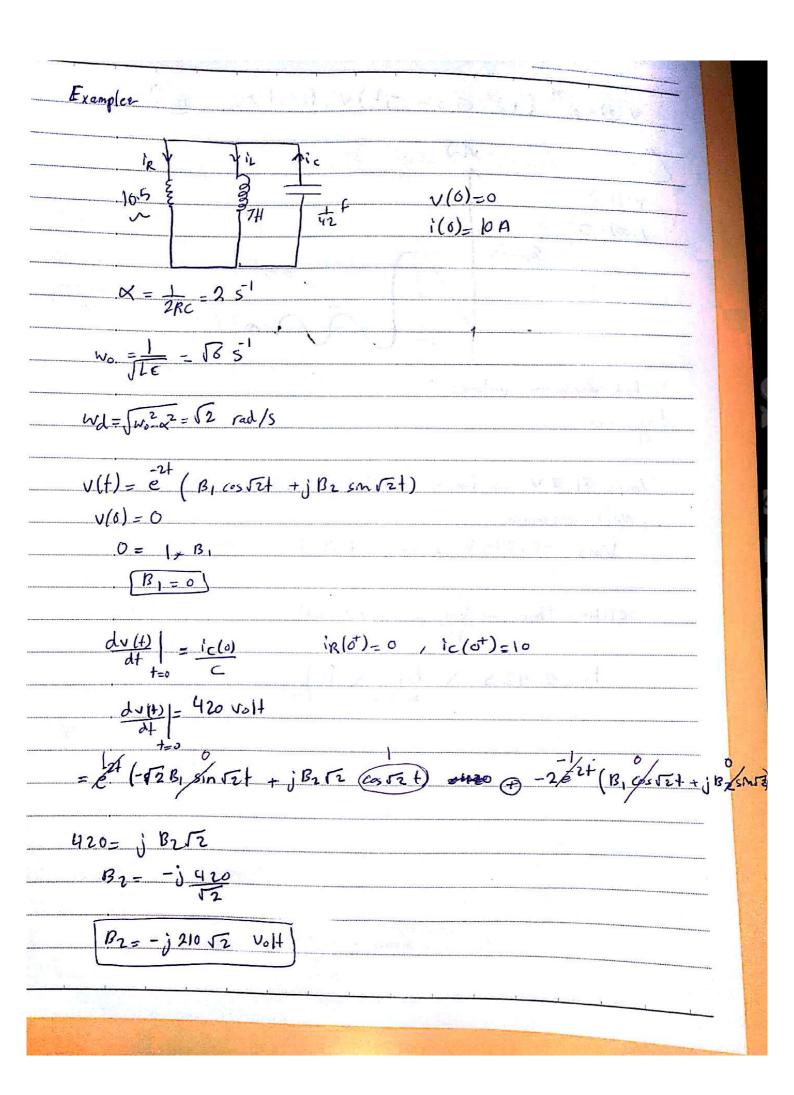


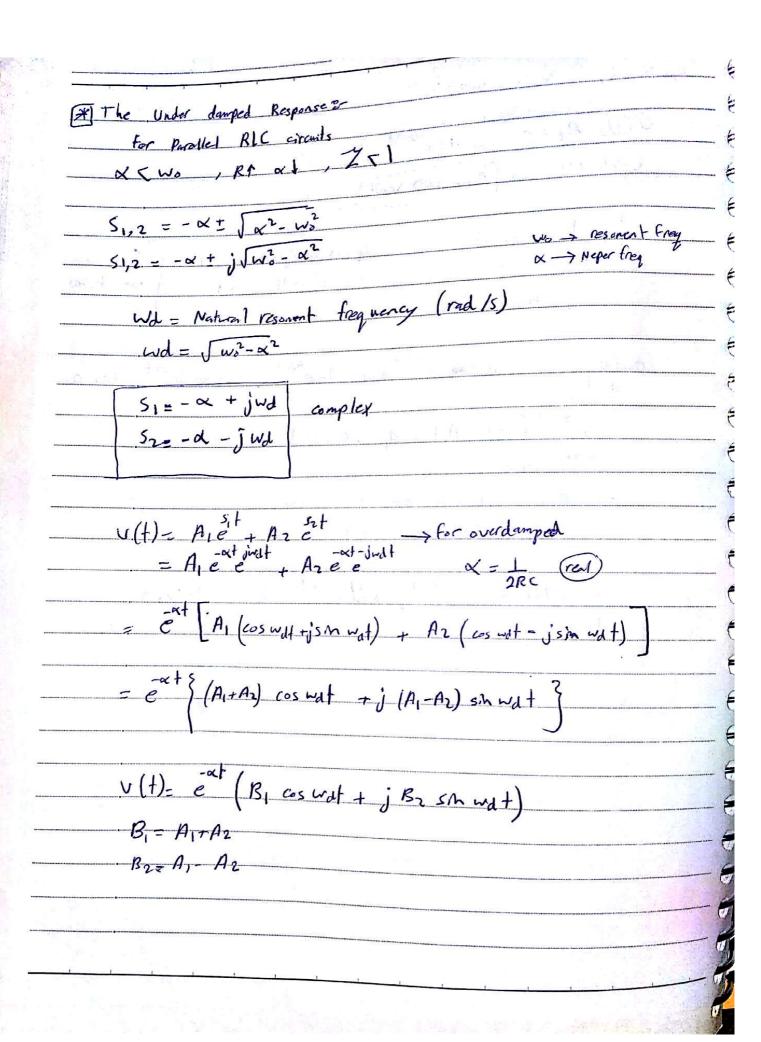


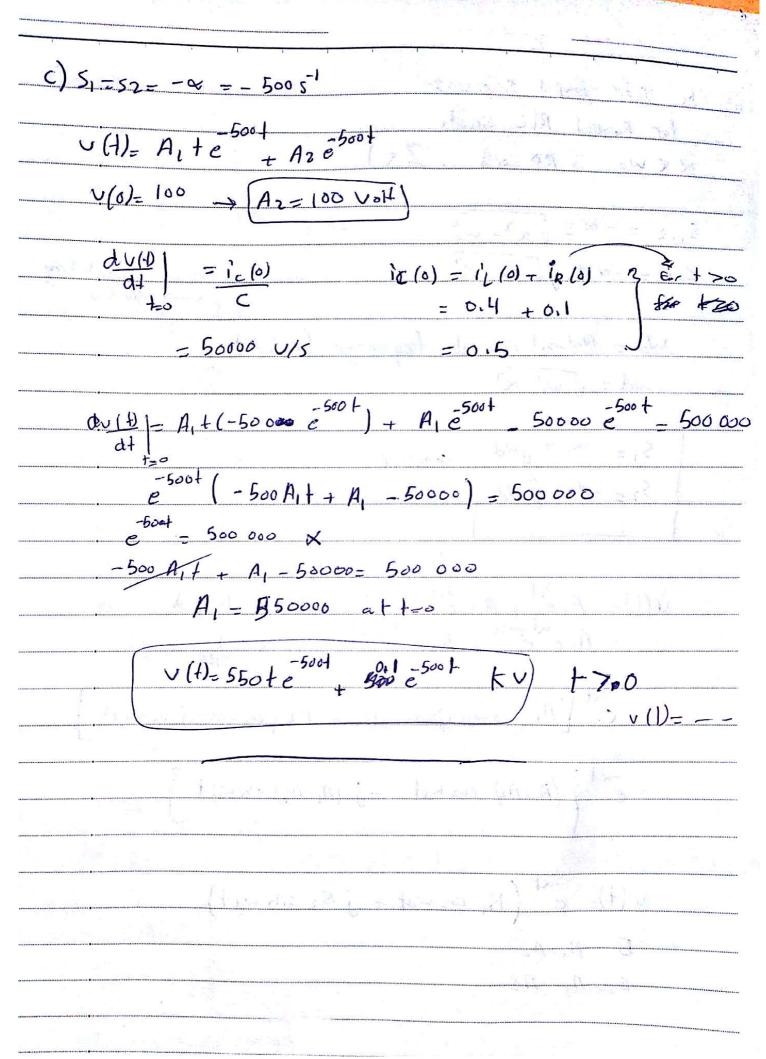




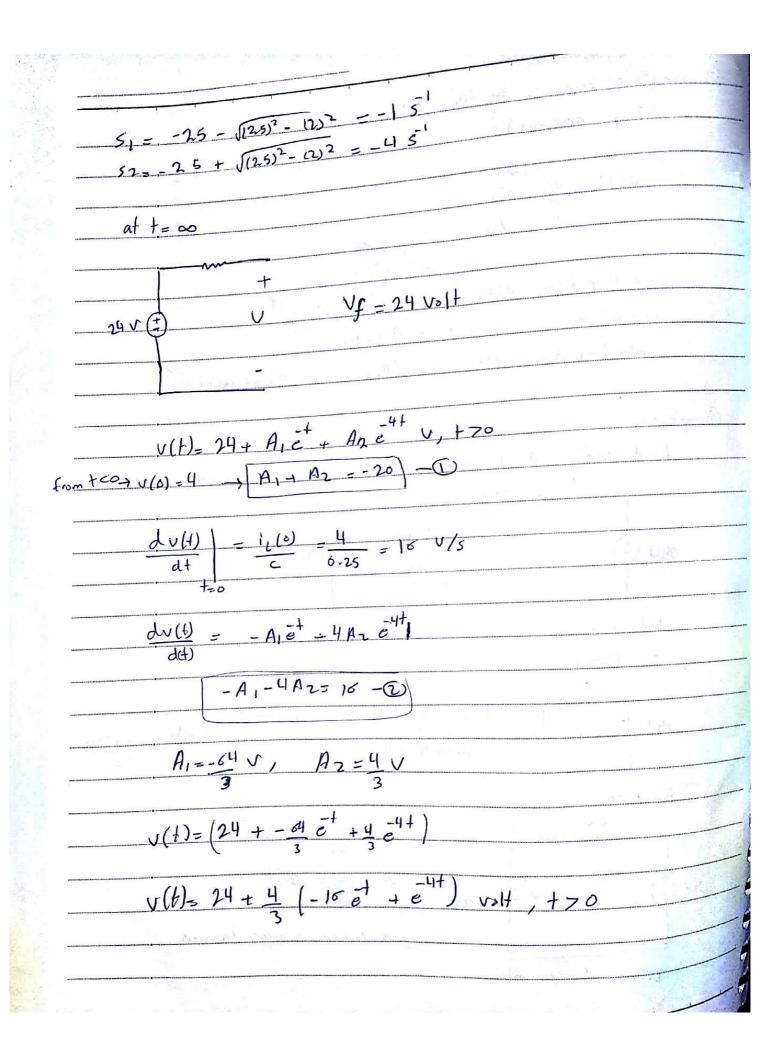


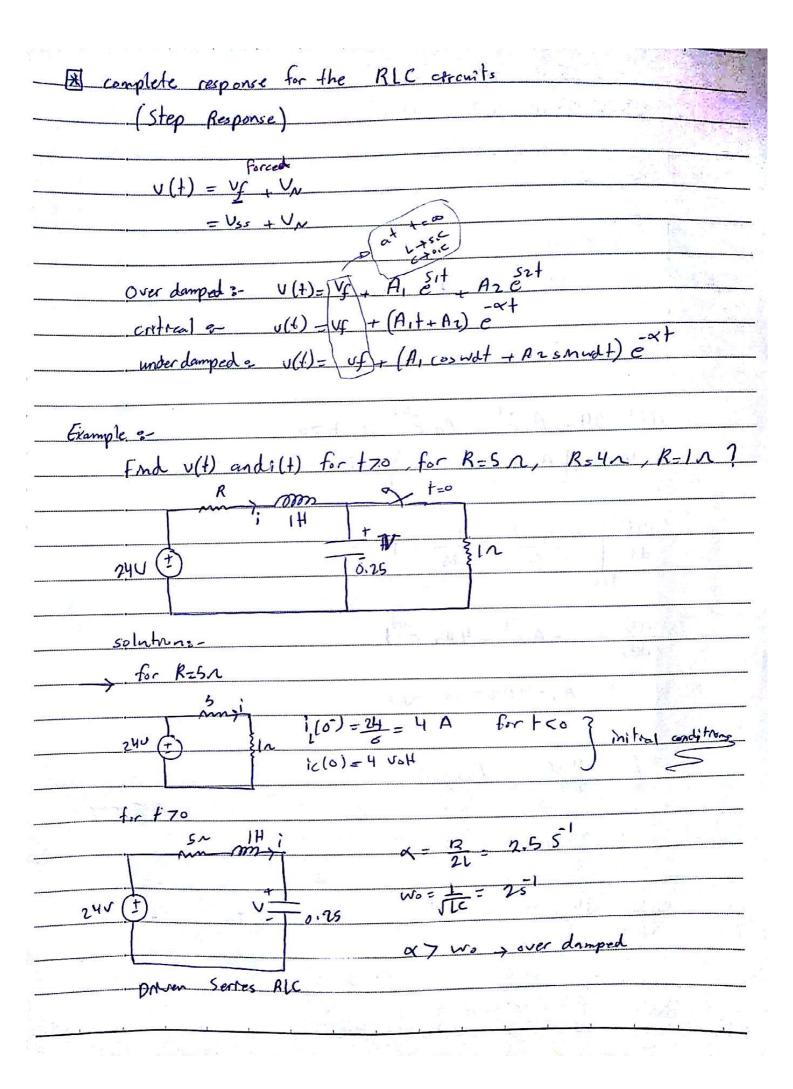


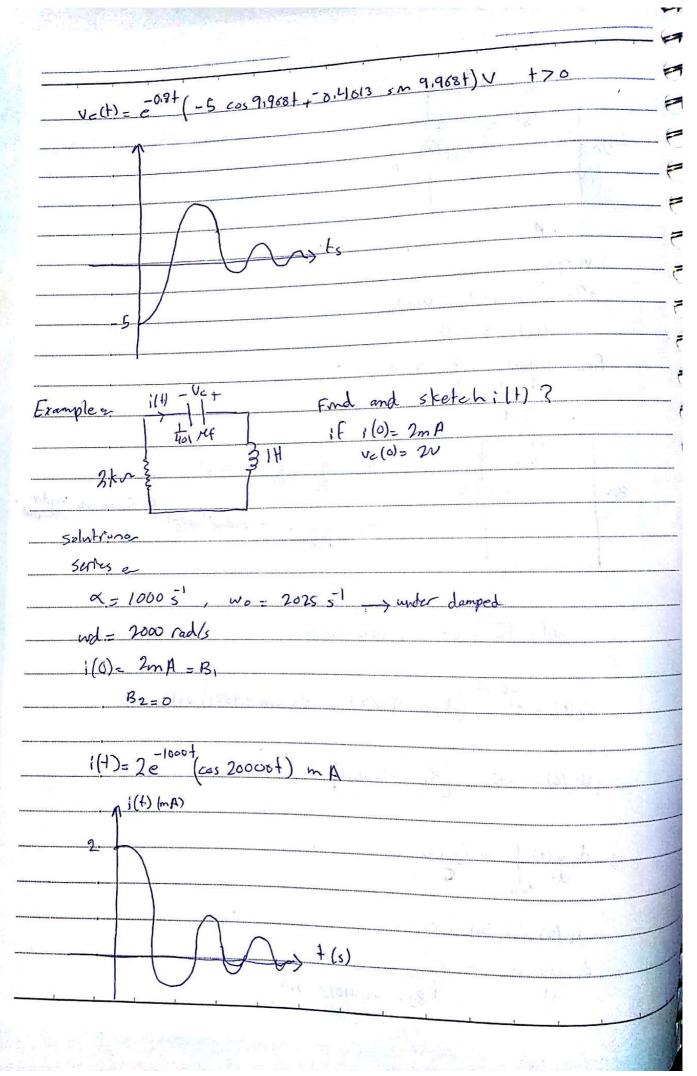




$i(t) = c \frac{dv(t)}{dt}$ $i(t) = 6.75 \left(\frac{4}{3} \left(16e^{-t} - 4e^{-4t} \right) \right)$ $= \frac{16}{3}e^{t} - \frac{4}{3}e^{4t} + Ampore$ $for R = 4A$ $i'(0) = 4.8A$		
= 16 = + - 4 = 4+ Angor > For R=41		
= 16 = + - 4 = 4+ Angor > For R=41		
For R=41		
For R=41		
,		
,		
1107-2 1.81		in and the second
v(0) = 4, 8 volt	1 by second 1	74
X = 251, wo = 251 -> confront	N	
$s_1 = s_2 = -\alpha = -2s^{-1}$	5. 5	
VC = 24 V>17		
V(1) = 24 + (A1+A2) = 2+ V		
V(1) 74 24 -19,2 (+1) = 24 VoH		
i(t) = ((9,6t) +4.8) =2+ Ampere	1 3	
	1 22 1	
for R=In		
}(s)=12 A		
(b) = 12 V		
x=0.5 5 Wo= 25 yunder damped	A P	
wd= 1,936 ad/s		
vf-24 00 H	21.4X.17	
V(t)= 29+ (A1 cas wat + A2 s/n wat) = 2+	Volt	-
A, = 21.694 Volt		
Az -12 Volt		
i(+)=(3,15,5m 1,936+ + 12 cos),936+)e A	mpele	







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