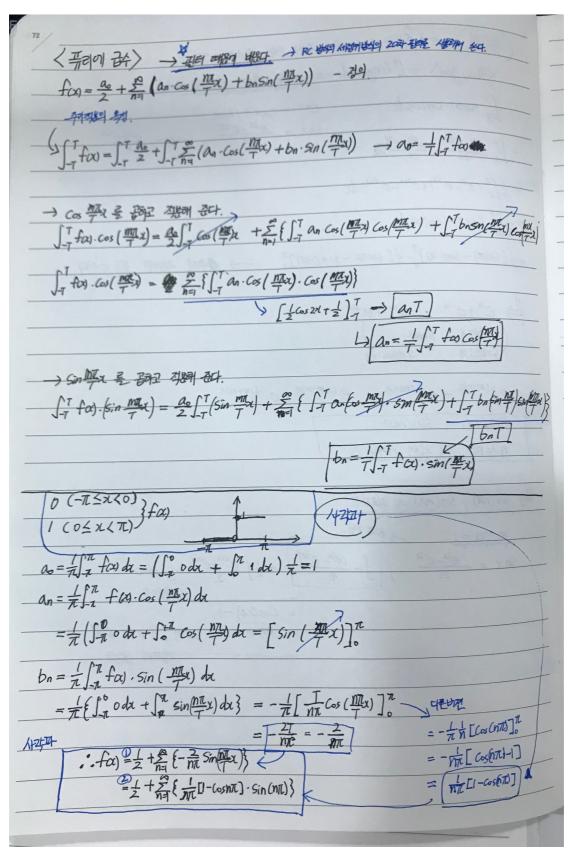


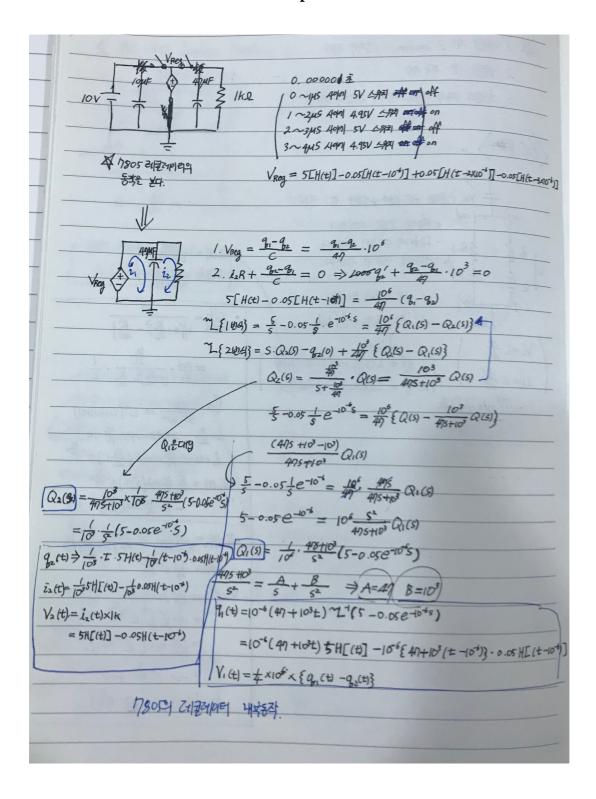
날 짜: 2018.5.22

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RC-RL 회로 Laplace 회로 회석.



<7805 레귤레이터의 동작을 본다. Laplace 활용>



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	[其司에) 今日本 Cose 주기 정은 최면 무조건 0 이다.
_	< for , g(x) = In forgon de = 0 = = = = = = = = = = = = = = = = =
	$\int_{\pi}^{\pi} \sin(x) \cdot \sin(2x) dx \qquad e^{ix} = \cos x + i \sin x$
	$\int_{-\pi}^{\pi} \sin(x) \cdot \sin(2x) dx \qquad \frac{e^{ix} = \cos x + i \sin x}{\sin x = \frac{e^{ix} - e^{ix}}{2i}, \cos x = \frac{e^{ix} + e^{ix}}{2}}$ $= \int_{-\pi}^{\pi} \frac{e^{ix} - e^{-ix}}{2i} \cdot \frac{e^{ix} - e^{ix}}{2i} dx$
×10-6)]	$= -\frac{1}{4} \int_{-\pi}^{\pi} (e^{ix} - e^{-ix}) (e^{2ix} - e^{-2ix}) dx$
_	一种 · · · · · · · · · · · · · · · · · · ·
-	$=\frac{1}{2}\int_{\pi}^{\pi}\cos(2x)-\cos(3x)dx$
-	$=\frac{1}{2}\left[Sin(\pi)-Sin(-\pi)\right]_{\pi}^{\pi}-\frac{1}{2}\left[Sin(\pi)-Sin(-\pi)\right]_{\pi}^{\pi}\longrightarrow \frac{1}{2}\left[Sin(\pi)-Sin(-\pi)\right]_{\pi}^{\pi}\longrightarrow \frac{1}{2}\left[Sin(\pi)-Sin(-\pi)\right]_{\pi}^{\pi}$
-	$\Rightarrow e^{t} + e^{-ix} e^{3ix} + e^{-ix}$
	(Sin x Sin x) 두제수의 참 두제수의 합
_	- Santana - Paris - Pa
-	$e^{i(m+n)x} + e^{-i(m+n)x}$, $e^{i(m-n)x} + e^{-i(m-n)x}$
-	Sin (nx), Sin (mx)
-	1 + m 37 34 2014 0
-	Sin (nat), sin (mx) of zhaters
	m=n-1 dente.
	$Sin x = \frac{e^{ix} - e^{ix}}{1 - (e^{ix} - e^{ix})^2} = -\frac{1}{2} \left[\frac{e^{ix} + e^{ix}}{1 - e^{ix}} - \frac{1}{2} + \frac{1}{2} \right]$
	经
	= 'Cos(22)-1 37联0
1	त्रांच्या थेट्य.
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<퓨리에 급수>

