المان المنان المنا تعربن سرى بنجم مدارهاى اللترملي والكتريكي ٢) دردومالت نوشته وجع آثار مي كنيم 1e - j mm عالت اول: ا= w KCL: $-V_{i}(t) - \frac{V_{i}(t)}{j} + 1 = 0$ $\Rightarrow V_i(t) = \frac{1}{1-j} = \frac{\sqrt{re^{raj}}}{r}$ $\Rightarrow \frac{\sqrt{r}\cos(rd+t)}{r} = \sqrt{r}(t)$ $V_{r}(t) = \frac{1}{\sqrt{\delta}} = \frac{1-r_{j}}{\sqrt{\delta}} = e^{j\theta}$ $V_{r}(t) = \frac{1}{\sqrt{\delta}} = \frac{1-r_{j}}{\sqrt{\delta}} = e^{j\theta}$ $V_{r}(t) = \frac{1}{\sqrt{\delta}} = \frac{1-r_{j}}{\sqrt{\delta}} = e^{j\theta}$ حالت دوم : ٢ = ١١ \Rightarrow $V_r(t) = \cos(7t - 97)$ V(t)=V,(t)+V,(t)= T cos(t+rd)+ cos(rt-9r) $V_{t} = rV$ $V_{t} = rV$ $KCL: -it + \frac{V_{t}}{V_{t}} + \frac{V_{t}}{V_{t}} + \frac{V_{t}}{V_{t}}$ $V_{t} = rV$ $V_{$ → VE=9+1/00 it ドドリ >> RTH = 400. ¥+Fj > RTH = YFVITO 005 (doot-1019) → VTH = T > VTH = 11/1 05 (000 t - 1019)

