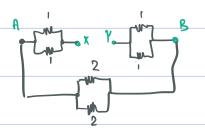


معادم ما بعد المام وست مح دريم

روش ا ، على مارك دارك كد

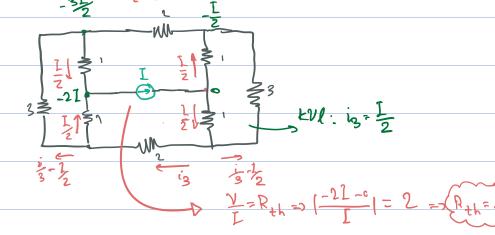
B, ~, = B, ~, A, ~, A, ~, = A, ~, w,

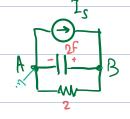
سي محاتدات ابن منتسم السال داد.



(1||1) + (2||2) + (1||1) =

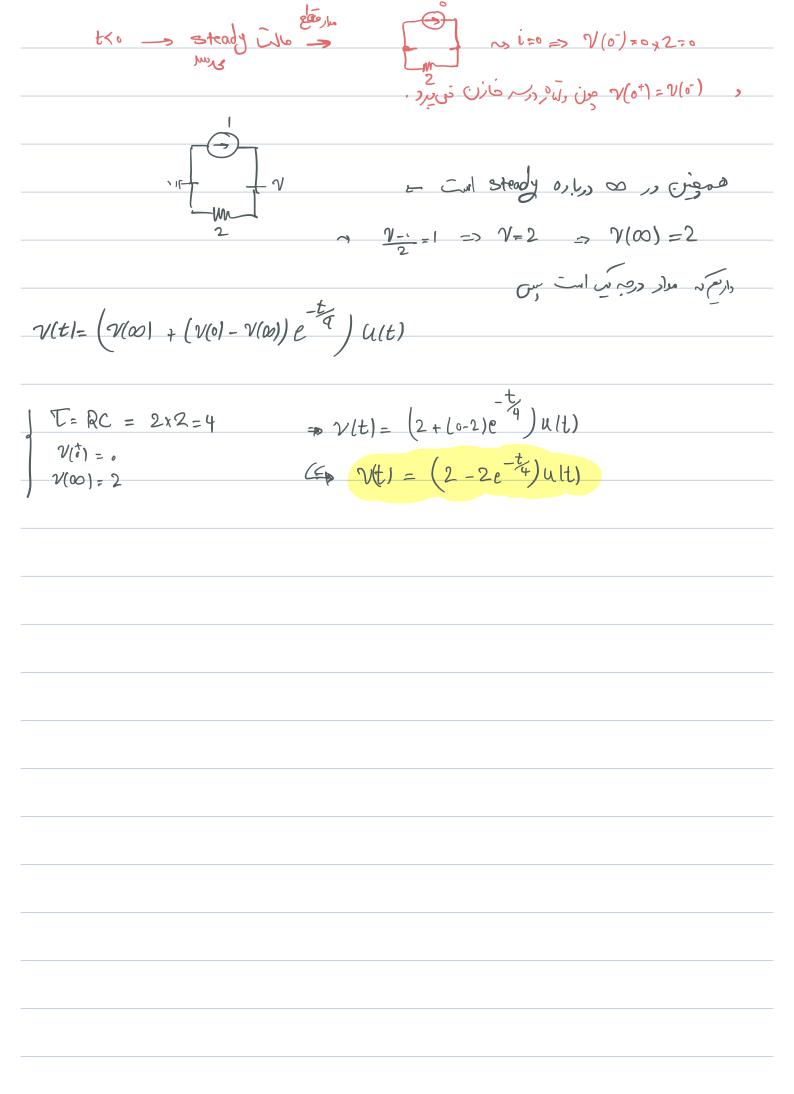
1/2+ 1+ = 2 D



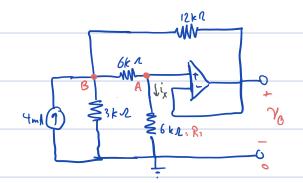


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Pirate with 1, NA NEV BUILD NE YBA COSON







رلماء درسر وررد آب اس برابر است سے

مریال وروره امرامی فی است.

$$\frac{V_{A} - V_{B}}{6k} + i \chi + 0 = 0$$

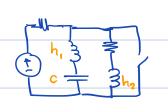
$$\frac{V_{A} - V_{B}}{6k} + \frac{V_{A}}{6k} = 0$$

$$\frac{V_{A} - V_{B}}{6k} + \frac{V_{A}}{6k} = 0$$

$$\frac{V_{A} - V_{B}}{6k} = 0$$

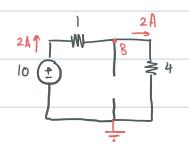
$$\frac{V_{B-6}}{3k} + \frac{v_{B-6}}{2k} + \frac{v_{B-6}}{2k} = 0 \Rightarrow -4m + \frac{2v_{A}}{3k} + \frac{v_{A}}{6k} + \frac{2v_{A}-v_{A}}{12k} = 0$$

$$i_{\chi} = \frac{V_A}{6k} = \frac{48}{11 \times 6k} = \frac{8}{11 \times 16} A \approx \frac{i_{\chi} = \frac{8}{11} \text{ mA}}{i_{\chi} \times i_{\delta}}$$

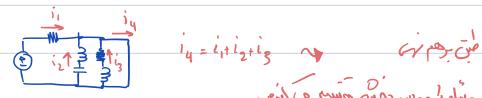




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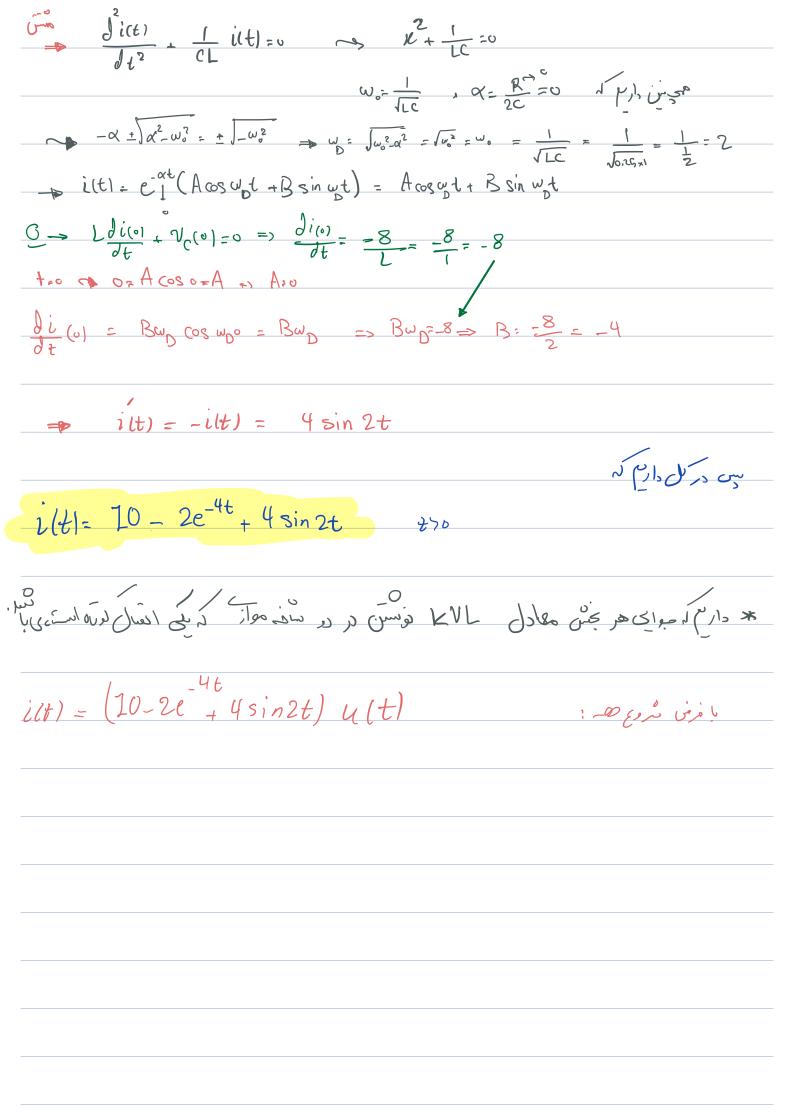


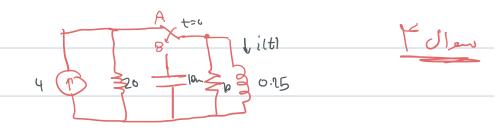
. Rid co puis ou ou man de dis

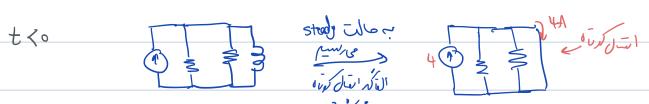
10
$$v_1 = \frac{v}{R} = v_1 = \frac{10}{10} = 10 \text{ A}$$

$$i_1 = \frac{v}{R} = v_1 = \frac{10}{1} = 10 \text{ A}$$

$$\frac{1}{c}\int_{-\infty}^{\infty}i(\mathbb{C})d\mathbb{C}$$







$$V_{c}(\sigma^{\dagger}) = V_{c}(\sigma^{\dagger}) = V_{c$$

$$\alpha = \frac{1}{2RC} = \frac{1}{2 \times 10 \times lo \times lo^3} = \frac{1}{2 \times lo^{-1}} = 5$$

$$\omega_{0} = \frac{1}{\sqrt{10 \text{ m} \times 0.25}} = \frac{1}{\sqrt{10 \text{ m} \times 0.25}} = \frac{100}{\sqrt{25 \times 10^{-9}}} = \frac{100}{5} = 20$$
 $\omega_{0} = \sqrt{20} = \sqrt{100 \times 0.25} = \sqrt{1$

$$\frac{dv(t)}{dt} = -5e^{-5t} (B \sin 5 15t) + e^{-5t} (515 B \cos 515t)$$

$$\frac{dv(t)}{dt} = -5e^{-5t} (B \sin 5 15t) + e^{-5t} (515 B \cos 5 15t)$$

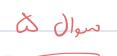
$$t = -80$$

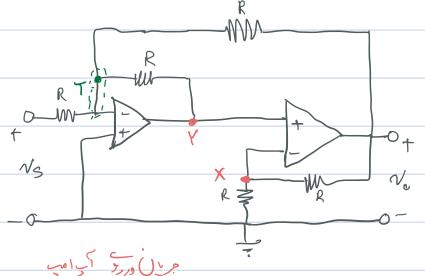
$$t = -80$$

$$=$$
 $V(t) - \frac{-80}{\sqrt{16}} e^{-5t} \sin 5\sqrt{15} t$

$$kd:i(t), \frac{v(t)}{10} + c \frac{dv(t)}{dt} = 0 \Rightarrow i(t) = \frac{8}{16} e^{-5t} = \frac{10^{-2} (\frac{460}{16} e^{-5t} = 10^{-2})}{10^{-400} e^{-5t}} = \frac{10^{-2} (\frac{460}{16} e^{-5t} = 10^{-2})}{10^{-400} e^{-5t}} = \frac{10^{-2} (\frac{460}{16} e^{-5t} = 10^{-2})}{10^{-2} (\frac{460}{16} e^{-5t} = 10^{-2})}$$

$$i(t) = \frac{4}{\sqrt{16}} e^{-5t} \sin 5\sqrt{5}t + 4e^{-5t} \cos 5\sqrt{5}t \quad \forall t > 0$$





 $kcl @ X : \frac{V_{K-1}}{R} + \frac{V_{X-1}}{R} + \frac{$

Alex ili ext > 02 W and

=>
$$(6-V_S)+(0-V_X)+(0-V_0)=0=>V_S+V_X+V_0=0=>V_S+3V_X=$$
.

$$= \frac{v_0}{v_s} = \frac{2v_x}{-3v_x} = \frac{2}{3}$$