Freil Eiz F teo 1124 in R1 = 1 MS Ve-(#) P2=3sl $i(t) = \frac{10}{1} = 10[t] = ie$ igstides off the Et Vez=0[V] -10110 T/222 54 J OY-2 12.45 /227. 10-V = 2H 3 = 22=31 352. y uen 23.06 bs . 20, 1,000 ie, (0+)-ie, (0-) = -10[A] Vp. (0+) - Ve, (0-) = -10[V] (82,207 110) j. toplie 65 350 110 5je 620 -33.03 : S. Sos 25 105 min 20 25. Per 201.2: (H) ~ u(H) N (+) ~ 2(+) Ver(+) ~ S(+) => 'ce2~ S(+) 10,~ (t)+u(t) 1/25 ult = for inc) =0'50 202030 € 5539 20210 60201 € 11-00

$$i(2^{-}) = i(2^{-})$$
 $ie_{2}(2^{+}) - ie_{2}(2^{-}) = -10A$

$$V_{L} + V_{R} = 0$$

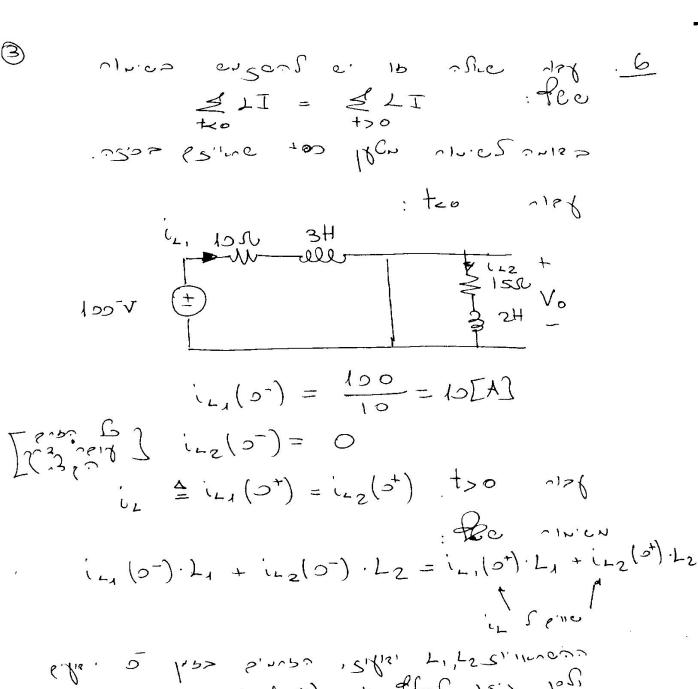
$$Li_{L} + Ri_{L} = 0$$

$$Li_{L} + \frac{R}{L}i_{L} = 0$$

$$(i_{L} + \frac{R}{L}i_{L} = 0)$$

$$V_{e_2} = V_L = Li_L = 2(-\frac{3}{2}) \cdot 10e^{-\frac{3}{2}t} =$$

$$= -30e^{-\frac{3}{2}t} + 10e^{-\frac{3}{2}t} = 10e^$$



() = in(0) +1 +(20). L2 = in(0) +1 + 12 = -

 $= 10 \cdot \frac{3}{3+2} = 6 \text{ LA}$

125V1 (2) 1250 126

$$V_{e}(0^{+}) - V_{e}(0^{-}) = 12 [V]$$

$$V_{e}(0^{+}) - V_{e}(0^{-}) = \frac{12}{P} = \frac{12}{H_{00}} = 0.03 [A]$$

$$V_{e}(0^{+}) - V_{e}(0^{-}) = \frac{12}{P} = \frac{12}{H_{00}} = 0.03 [A]$$

$$V_{e}(0^{+}) - V_{e}(0^{-}) = \frac{12}{P} = \frac{12}{H_{00}} = 0.03 [A]$$

$$V_{e}(0^{+}) = V_{e}(0^{-})$$

$$V$$

$$kvl: 12 - 400i_{R} - V_{C} = 0$$

$$kcl: i_{R} = i_{L} + CV_{L}$$

$$i_{L} = \frac{1}{L} \int V_{L} dt \qquad acception V_{C} = 1i_{L}$$

 $i_{L}(5^{-}) = 0$ t = 0 Ary $i_{L}(5^{-}) = V_{L}(5^{-}) = 0 = V_{B}$ $V_{L}(5^{-}) = V_{R_{2}}(5^{-}) = V_{A}(5^{-}) = 25^{-}V_{A}(5^{-}) = 25^{-}V$

> Vc ~ u(t) : ~ ~ (t) · ~ ~ (t) + (t) ⇒ Ve, ~ u(t) + (t) · e, ~ u(t) + (t) ⇒ Ve, ~ u(t) + (t)

1:25 = NEV + NC (4) n nc J (4) -00 SE, 200, 100

V_(0+) - V_(0-) = 20 - 64, 200

(2(0+)-(2(0-)= 20=64)



$$\int_{0}^{2} \int_{0}^{2} \int_{0$$

$$V_{c} = V_{c}$$

$$V_{c} = V_{c$$

$$i_{L}(0^{+}) = 60 \text{ A}$$
 $i_{L}(0^{+}) = 60$
 $i_{L}(0^{+}) = 60$
 $i_{L}(0^{+}) = 60$