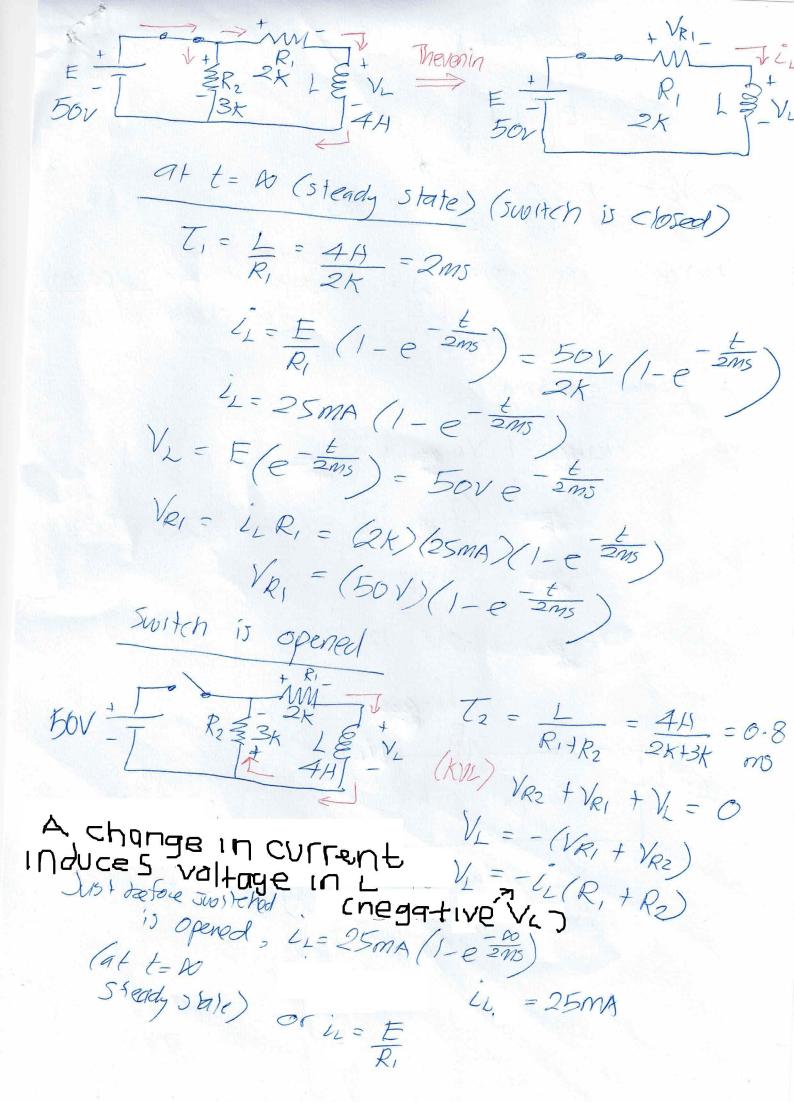


VR = IR = (0A)(R) = 0 1 1 = negative + V Contact + Veontac++(-V2)=0  $V_{conflict} = V_L + 12$ spark plug 1901 Fron coil  $V_L = L \left( \frac{di}{dt} \right)$  If  $\frac{di}{dt} = \frac{1}{10^{-6}}$ VL 2 10MV (10×106V)



$$V_{L} = -\frac{E}{R_{1}}(R_{1} + R_{2})$$

$$V_{L} = -\frac{E}{R_{1}}(1 + \frac{R_{2}}{R_{1}})$$

$$V_{L} = -\frac{E}{R_{1}}(1 + \frac{R_{2}}{R_{1}})$$

$$V_{L} = -\frac{E}{R_{1}}(1 + \frac{R_{2}}{R_{1}})$$

$$V_{L} = -\frac{E}{R_{2}}(1 + \frac{R_{2}}{R_{1}})$$

$$V_{R} = -\frac{I}{R_{2}}(1 + \frac{I}{R_{1}})$$

$$V_{R} = -\frac{I}{R_{2}}(1 + \frac{I}{R_{2}})$$

$$V_{R} = -\frac{I}{R_{2}}(1 + \frac{I}{$$

Current V

when switch is opened E + T R2 33K L3 V2 50V T 4H  $T_2 = \frac{L}{R_1 + R_2} = \frac{4H}{2K + 3K} = 0.8ms$ VL = -125V (e - Ems)  $I_{\lambda} = 25MA \left(e^{-\frac{t}{0-8ms}}\right)$ Switch closed (t= w) i\_= E (1-e-=) VL= E(e-==)