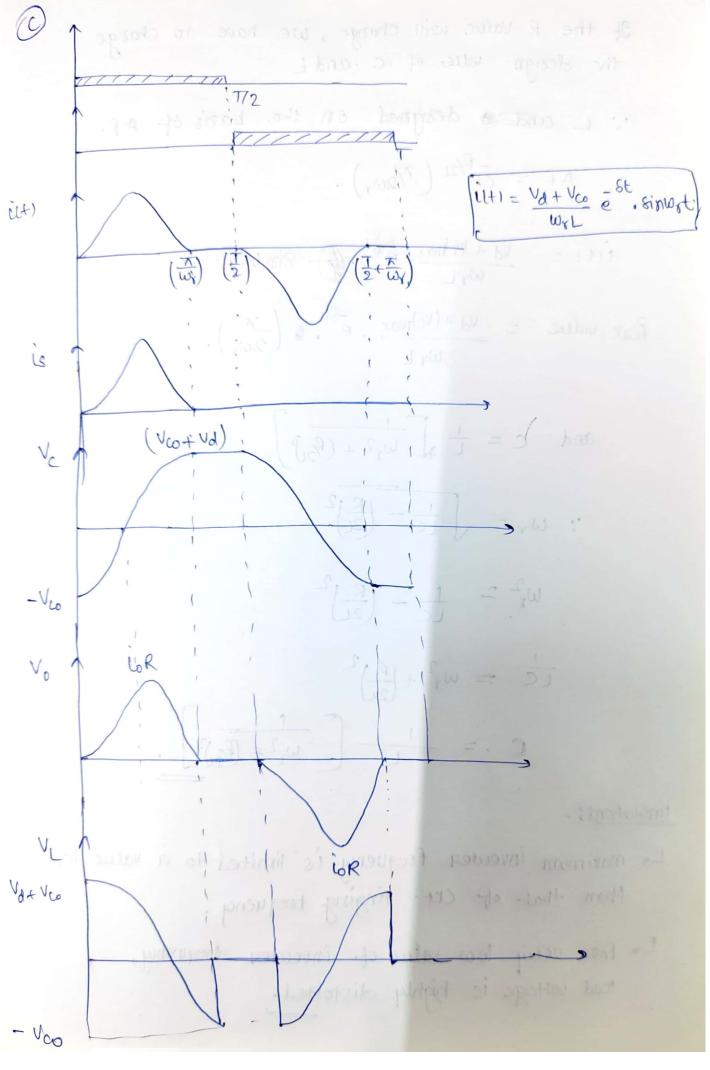


$$\begin{array}{c}
\overleftarrow{\alpha} \\
 & = \left(\frac{\top}{2} - \frac{\overleftarrow{\Lambda}}{\overleftarrow{\omega_{Y}}}\right)
\end{array}$$

$$= \sqrt{\frac{1}{Lc} - \left[\frac{R}{2L}\right]^2}$$

$$= \sqrt{\frac{200}{1012} - \left(\frac{80}{3\times10^6}\right)^2}$$

tq = 16x103 - 0.6x106 = (0.0625 - 0.00 528598) msec. = 0.057264 msec. = 57.26 Usec. Peak thy- voltage - Va + Vco (p.) Vco = 2 \(\langle \). Idc fo = 8KHZ. T= (+): 8X103 Peak value of current through thy. = (Va + (Ve)max) -3 - 5m] = 100 (10- (21)2 5101× 8304100.0 - 601× 200.0. 6.89943 X106



If the R value will charge, we have to charge the design value of c. and L

:: L and designed on the basis of A.F.

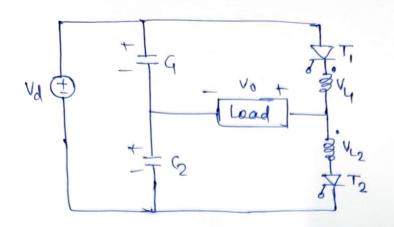
Peak value =
$$\frac{V_d + (V_c)_{max}}{w_{YL}}$$
, e^{8t} , $\left(\frac{\pi}{2w_{Y}}\right)$.

$$W_r^2 = \frac{1}{1c} - \frac{R}{2l}^2$$

timitations: -

- Han that of Crt. singing frequency.
 - Lo foot very low value of inventey forquency, road voltage is highly distorted.

modified serves inventor



4 = 62.

4 and 62 one

lightly Coupled.