رصا ادب برد ۱۹۸۲۳۵۳ مراع سار مفارات

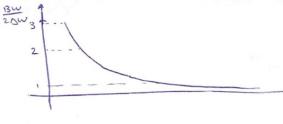
1
$$W_{m} = 2\pi (10^{\kappa H^{2}})$$

$$\Delta W = 2\pi (75^{\kappa H^{2}})$$

$$W_{o} = 2\pi (100^{\kappa H^{2}})$$

$$\beta = \frac{\Delta W}{W_{m}} = \frac{2\pi (75^{kH2})}{2\pi (10^{kH2})} = 7.5$$
=> M (7.5) = 10

B.W = 2M(B) , Wm = 2 x 10 x 2 \tau x 10 = 400 \tau



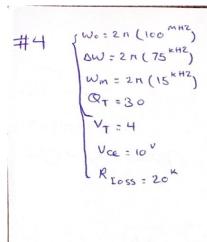
B: DW

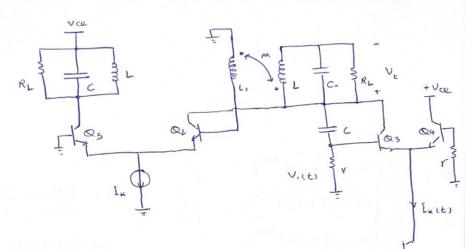
$$W = \frac{1}{\sqrt{LC}} = \frac{1}{\sqrt{0.5 \times 10^{-6} \times 50 \times 10^{-12}}} = 2 \times 10^{8}$$
 Rad

$$BW = \frac{1}{RC} = \frac{1}{5 \times 10^3 \times 50 \times 10^{-12}} = 4 \times 10^6 \text{ Rad}$$

$$\frac{\sum_{i} C_{i}}{\sum_{i} C_{i}} = 0.25$$

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$$\frac{\beta \vee_{i} Q_{t}}{l_{\alpha c} R_{i}} < 0.1 \implies l_{dc} > 0.09 \implies l_{\alpha c} = l_{dc} = 0.1^{MA}$$