

$$I_B = I_C = \frac{10 \, \text{ma}}{100} = 0,1 \, \text{ma}$$

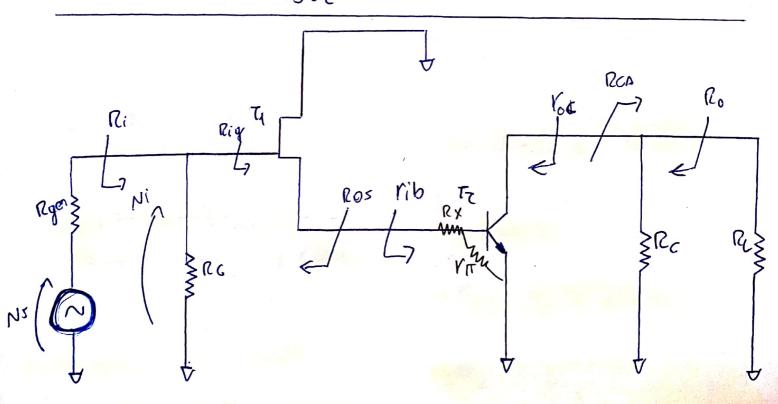
$$= 100 \, \text{Ma}$$

$$\bullet I_{\Theta} = I_{O}$$

$$V_{05} = \left(1 - \sqrt{\frac{I_0}{1 + \lambda V_{05}} I_{05}}\right) V_0$$

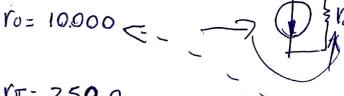
$$V_G - V_S = V_{GS}$$

$$V_6 = V_{65} + V_5 = -1.5V - 6.3V$$



Transistor 1

Transistor 7



hzy que usarh

Myflyd theer. Pibles

BFET

$$\frac{A_{\text{M}} = 1,2 \, \underline{\text{MA}} \cdot 350}{1 + 1,2 \, \underline{\text{MA}} \cdot 350} = 0,3$$

$$Avz = \frac{No}{Ni^*} = -\frac{9m_7 \cdot Nbe \cdot Rch/6}{Ni^*}$$

$$= -\frac{9m_7 \cdot Rch/6}{Ni^*} \cdot \frac{Nbc}{Rx + Rit}$$

$$= -\frac{391 \text{ mA} \cdot 8931 \cdot \frac{359}{V}$$

Req =
$$300\pi // \left(\frac{1}{4m_1} + rx + r\pi\right)$$