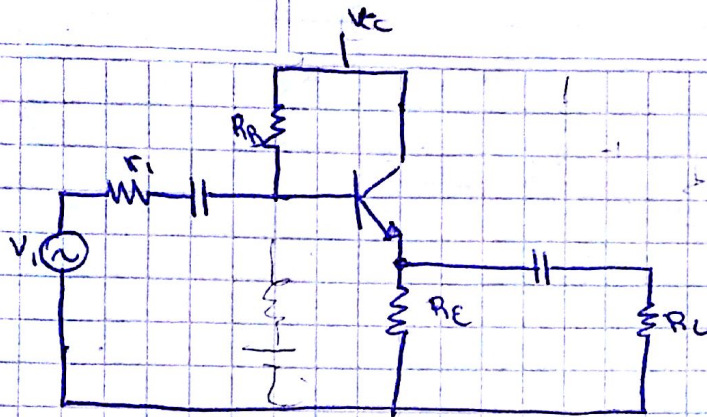


2º Práct de Aplicada 1

HOJA Nº 1

FECHA

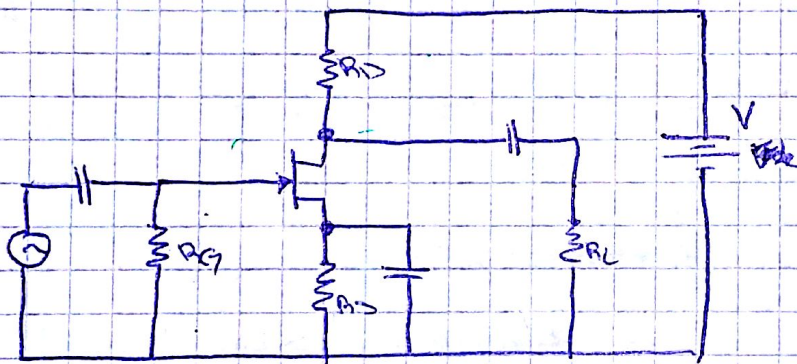
1



$$\begin{aligned} V_{CC} &= 10 \\ R_B &= 100k \\ R_E &= 1k \\ R_C &= 1k \\ r_i &= 0,5k \\ \beta &= 100 \end{aligned}$$

Calcular $I_{CQ}, V_{CEQ}, A_v, A_i, Z_i, Z_o$

2



$V_{DD} =$

$$\begin{aligned} V &= 12V \\ R_D &= 1,5k \\ R_G &= 22 \text{ mega} \\ R_S &= 1k \\ R_L &= 10k \end{aligned}$$

$$\begin{aligned} I_{DSS} &= 8mA \\ V_{GS(off)} &= -4V \end{aligned}$$

Calcular $I_{DQ}, V_{DSQ}, V_{GSQ}, r_{ds} \rightarrow \infty, Z_i, Z_o, A_v, A_i$