

TP2, suite

Partie 4, suite

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$$\pi_{CE} = \frac{\text{Veanly}}{\text{I}_o} = \frac{50}{280\mu} = 200 \text{ kg}$$
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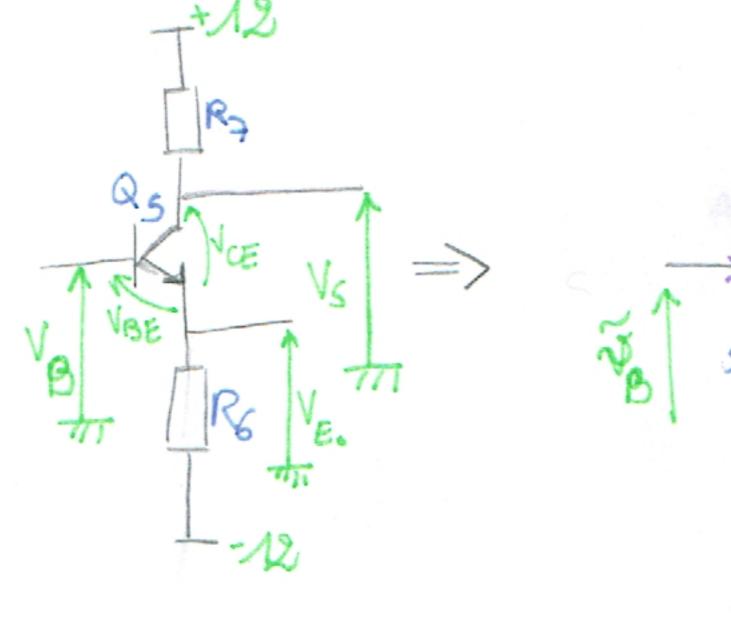
*
$$\pi_{BE} = \frac{\mu_{\Gamma}}{\pm_{80}} = \frac{B\mu_{\Gamma}}{\pm_{60}} = \frac{100 \times 25m}{250\mu} = 10k\Omega$$

$$\Rightarrow R_{N} = 13 M\Omega.$$

$$d'a\bar{u}$$
 $A_{MC} = -\frac{R_C}{2R_N} = -\frac{R_2}{2R_N} = -\frac{14.4b}{2\times13M} = -5, 5.10^{-4}$

TP3 = Étage émetteur commun

Partie 1 = Étage simplifié



=> A =
$$\frac{\tilde{s}_{S}}{\tilde{s}_{B}} = \frac{-\beta R_{7}}{r_{EB} + (\beta+1)R_{6}}$$
 avec $r_{EB} < < R_{6}$