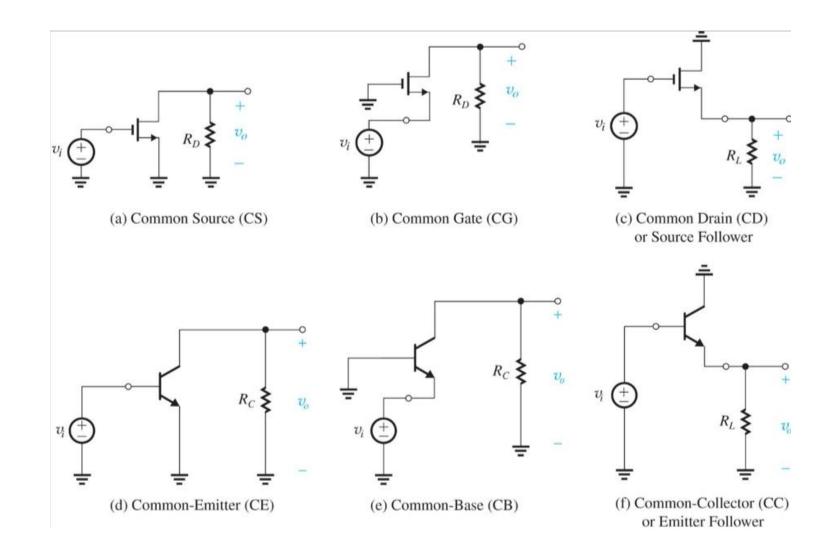
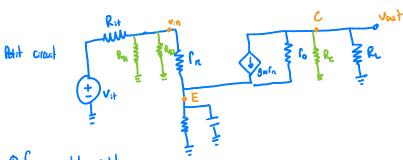
# Proc 3



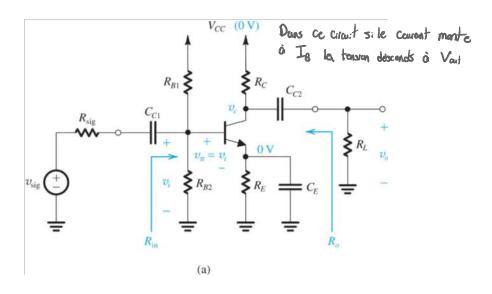


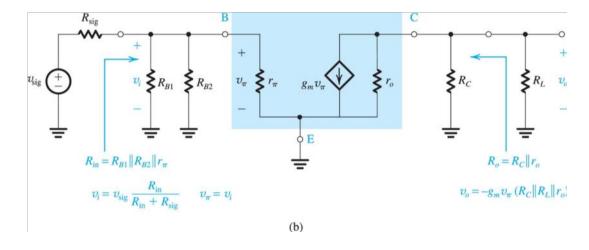
O fame modele petit symu.

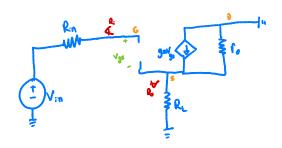
AC-D Cendensatour on CC

- -o tonsion alimentation Ov
- 6) Faire impedence other, celu dit que cost aper Rit  $R_{\rm K}/\!\!/\, R_{\rm BI}/\!\!/\, R_{\rm B2} = R_{\rm in}$
- B Forme impedence sorts, cela dit cuant local

  Re/16 = Rout
- Grant John Sout  $V_{rc}$  =  $\frac{g_m V_{rc} \cdot R_{out}}{V_{rc}} = g_m R_{out}$





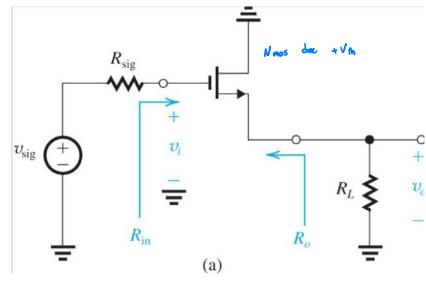


Rin = 00 il na pus d'impodence d'enlèc

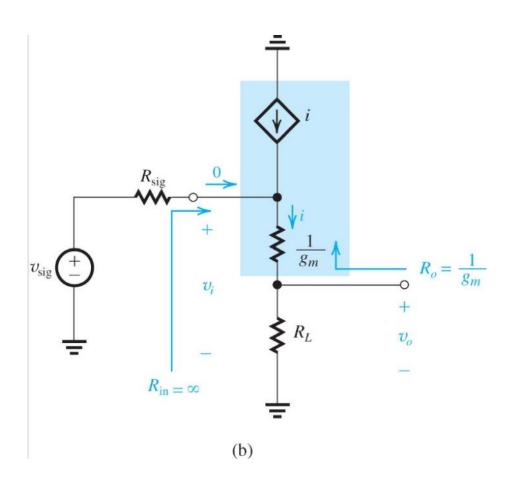
$$A_{v=} \frac{V_o}{v_c} = \frac{g_m v_{gs} \left( f_o // R_c \right)}{g_m v_{gs} \left( f_o // R_c c v_{gm} \right)}$$

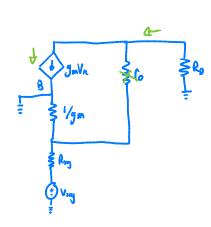
$$= \frac{R_L}{R_{L^{\perp}}/g_m} = \frac{R_L g_m}{R_L g_{m+1}} \angle I$$





E.2

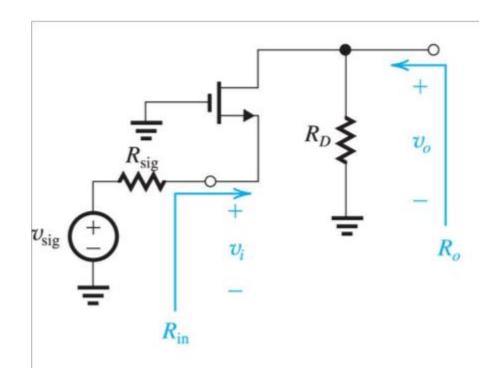




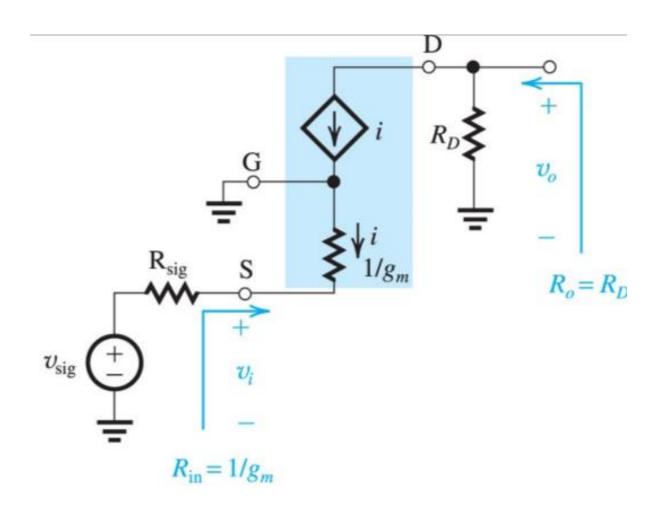
R in = 
$$\frac{1}{3}$$
 m on naglige le so

Rout =  $R_{D}$ 

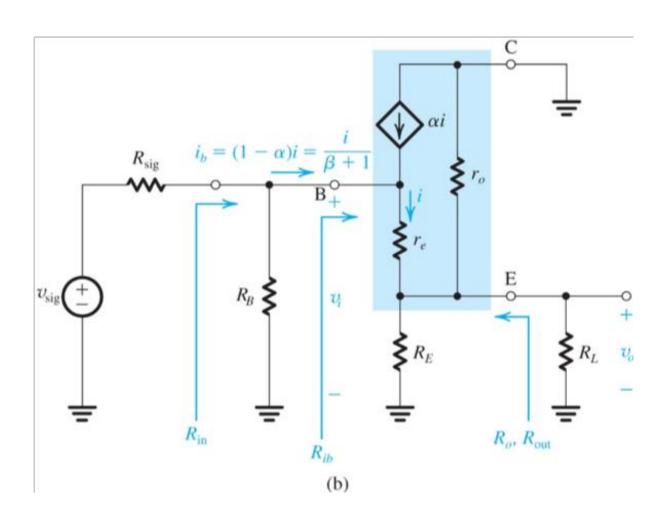
Av =  $\frac{V_{0}}{V_{1}}$  ·  $\frac{-9mV_{00}R_{0}}{-V_{00}}$  =  $9mR_{0}$ 

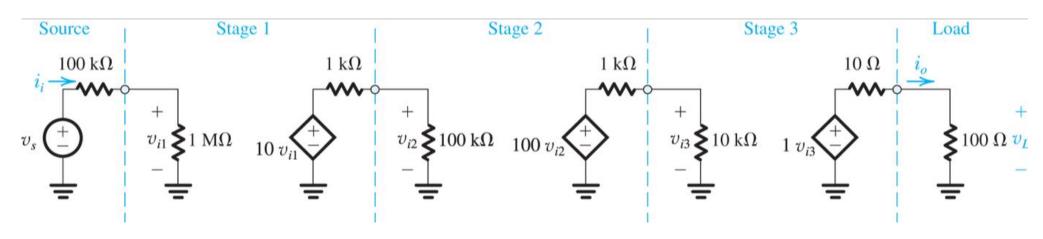


E.3



E.3



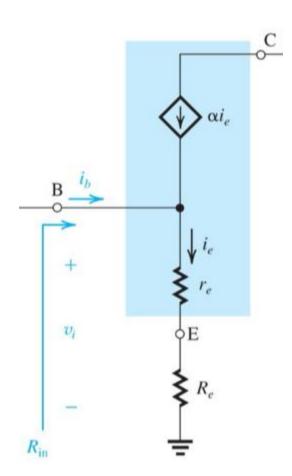


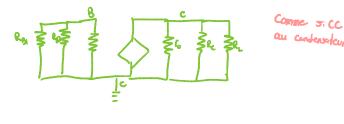
$$10.9090 \text{ Vs} \cdot \frac{100 \text{ K}}{101 \text{ K}} = 9 \text{ Vs}$$

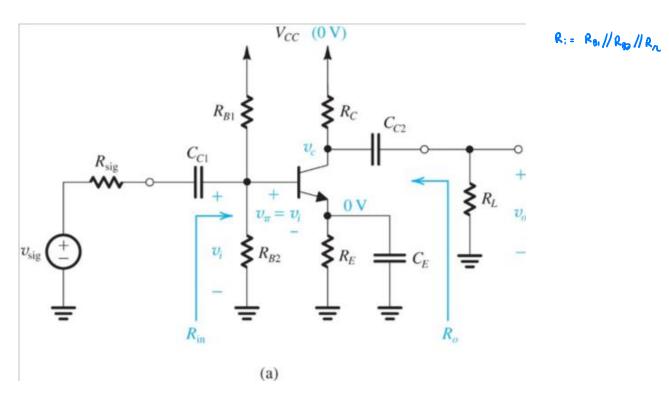
0,4900

$$\frac{100. \text{ qvs}}{11\text{ K}} = 818.161 \text{ Vs}$$

$$818.181 \cdot \frac{100}{110} = 743.80 V_s$$







## S.1

