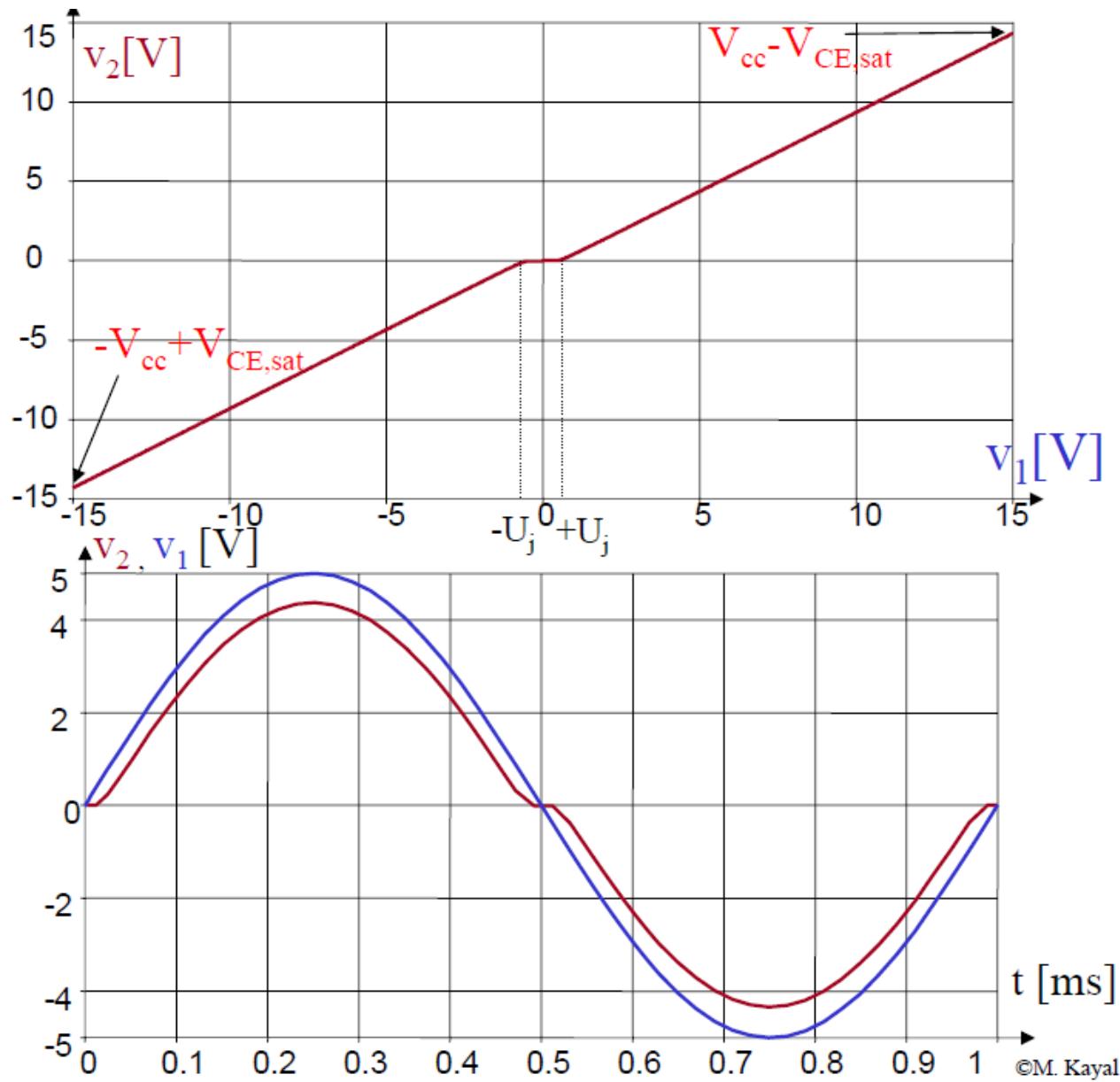
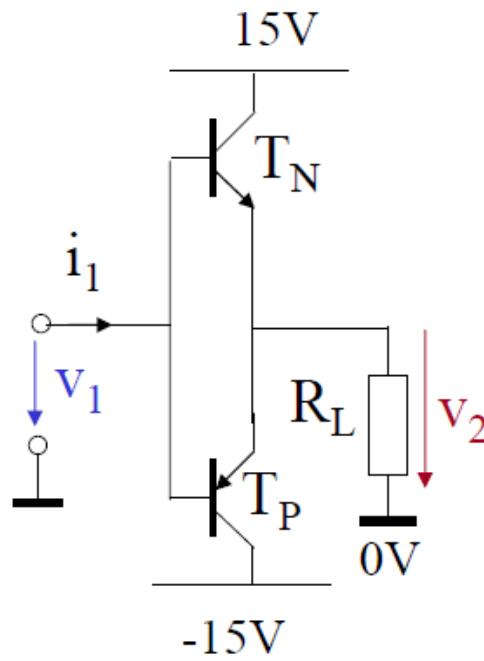
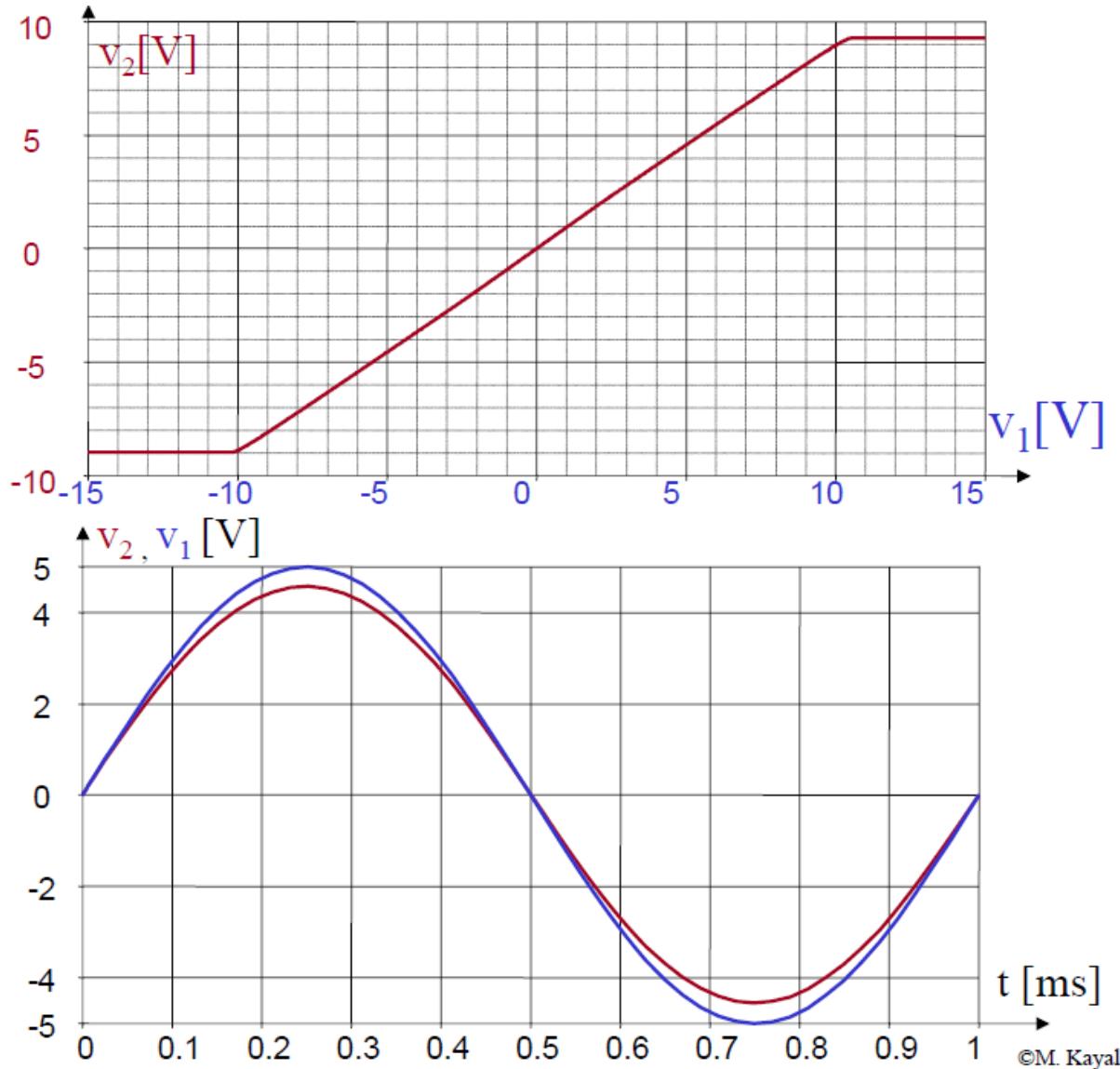
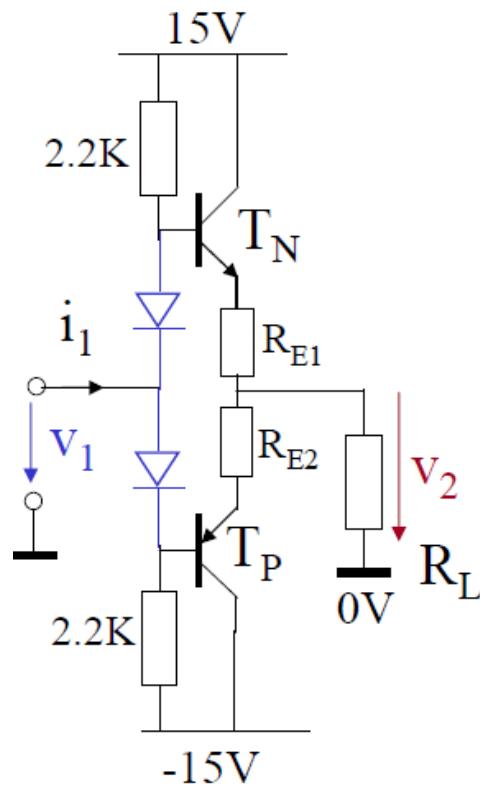


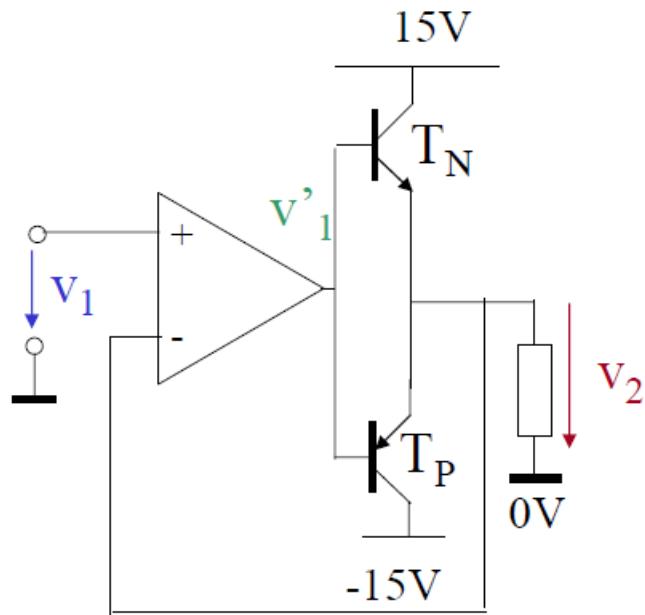
## TP 5 – Amplificateurs de Puissance (complément)



# 1. linéarisation par polarisation



## Linéarisation par boucle de contre-réaction



Pour une alternance positive:

$$v_2 = v'_1 - U_j$$

$A$  est le gain en boucle ouverte de l'AO

$$v'_1 = (v_1 - v_2)A$$

$$v_2 = A v_1 - A v_2 - U_j$$

$$v_2 = \frac{A v_1 - U_j}{1 + A} \approx v_1 \text{ (avec } A = \infty\text{)}$$

