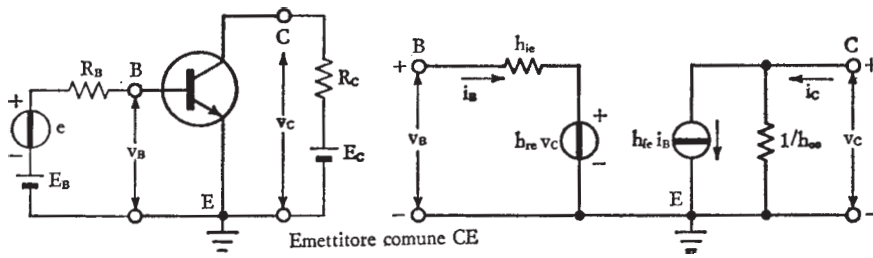


Parametri ibridi

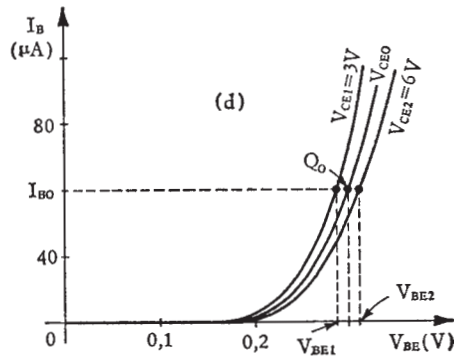
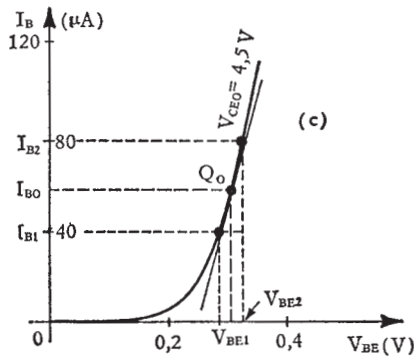
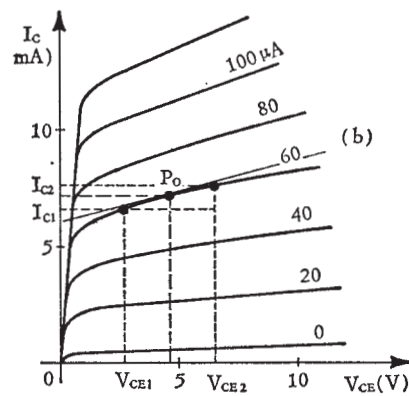
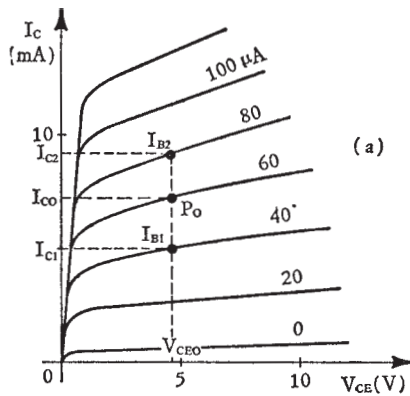


$$h_{fe} \equiv \left(\frac{\partial I_C}{\partial I_B} \right)_{V_{CE}=\text{cost}} \approx \left(\frac{I_{C2} - I_{C1}}{I_{B2} - I_{B1}} \right)_{V_{CE}=\text{cost}}$$

$$h_{oe} \equiv \left(\frac{\partial I_C}{\partial V_C} \right)_{I_B=\text{cost}} \approx \left(\frac{I_{C2} - I_{C1}}{V_{C2} - V_{C1}} \right)_{I_B=\text{cost}}$$

$$h_{ie} \equiv \left(\frac{\partial V_B}{\partial I_B} \right)_{V_{CE}=\text{cost}} \approx \left(\frac{V_{B2} - V_{B1}}{I_{B2} - I_{B1}} \right)_{V_{CE}=\text{cost}}$$

$$h_{re} \equiv \left(\frac{\partial V_B}{\partial V_C} \right)_{I_B=\text{cost}} \approx \left(\frac{V_{B2} - V_{B1}}{V_{C2} - V_{C1}} \right)_{I_B=\text{cost}}$$



Determinazione grafica dei parametri ibridi.