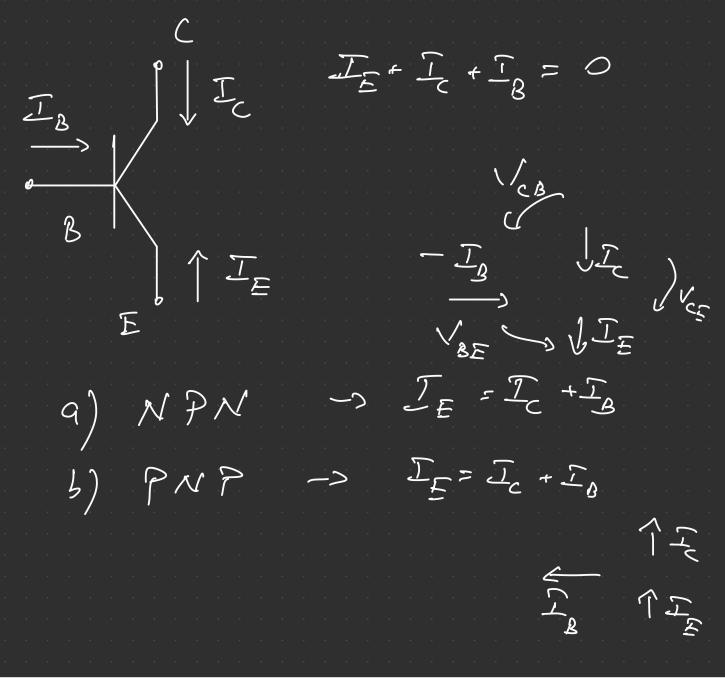
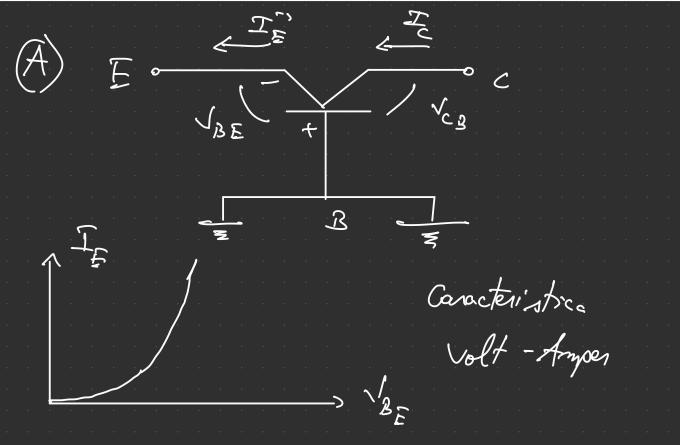
Emitor -> puternic dopat un impunitati

Colector -> slab -11
Bara -> puternic dimensione fonte mica En C - jointiume a) polasizare inversa jc. ICBO, curent colector - Laso residual (scirclini minoritare den B) b) polarizare directà je





If = f ( JBE) (caracteristica de intrare a tranzistambii) = == 10mA  $\frac{1}{1}c = \int \left( \sqrt{c} \right)$ -s facts de amplificare [] ; 3 [] 3 IC = X IE /pt V3c = CT

Relate fundamentale

$$(3) \quad \mathcal{L} = \frac{\beta}{1+\beta} \qquad (4) \quad \beta = \frac{\lambda}{1-\lambda}$$

$$\frac{J_{c}}{J_{c}} = 1 + \frac{J_{B}}{J_{c}} \rightarrow \frac{1}{\sqrt{J_{C}}} = 1 + \frac{1}{\sqrt{J_{C}}}$$

(1) 
$$I_{E} = f(V_{BE})$$
 c. in  $f(BC)$ 

~> genereasté unentul de colector

de la regimen det. -> regim blocat G) pol. inv. Inv. Ic = Ico [MA - 10mA] Ic= mrn, Pc==max -s region normal b) pol. duect inv. A) repeter se embor (B) amplificator (EC) I F IB c) pul. direct direct -> saturat

-> se composité ca o nesos tentar YCES ~ 0,1 Y (constants of mun-lumit)

Ic = Ics (max-lumit)

VBE = 18ES (~0,75 V)

un comutator închis Ic = max Vc = mkn PCE = mrn

6 - BC

6 -- snegem invers, transistor à atennator de curent