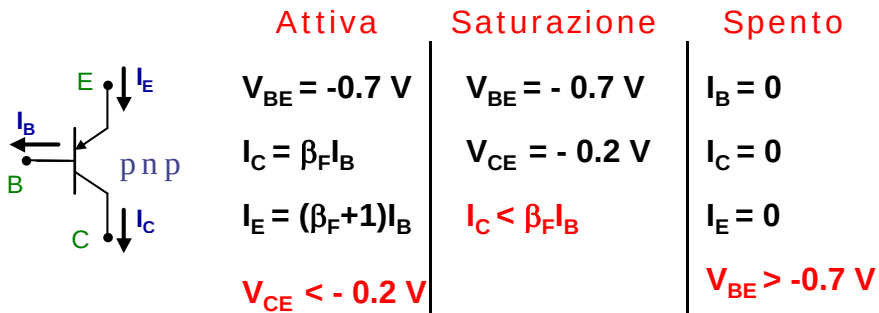
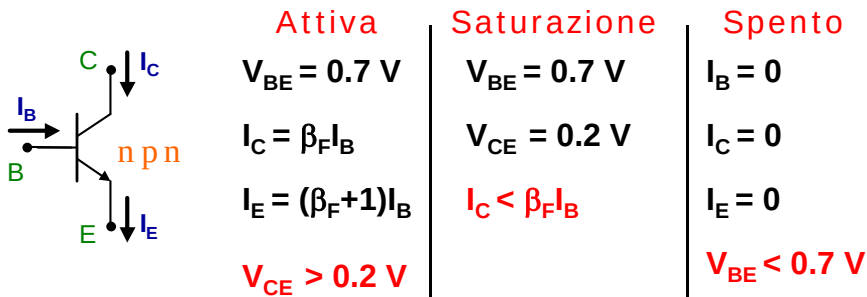
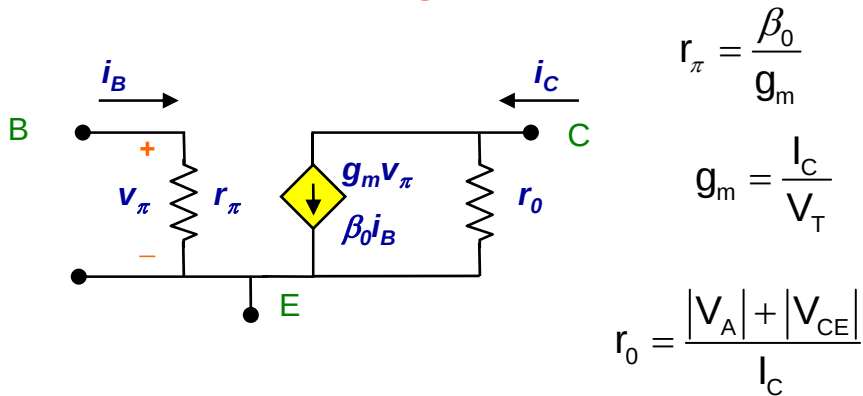


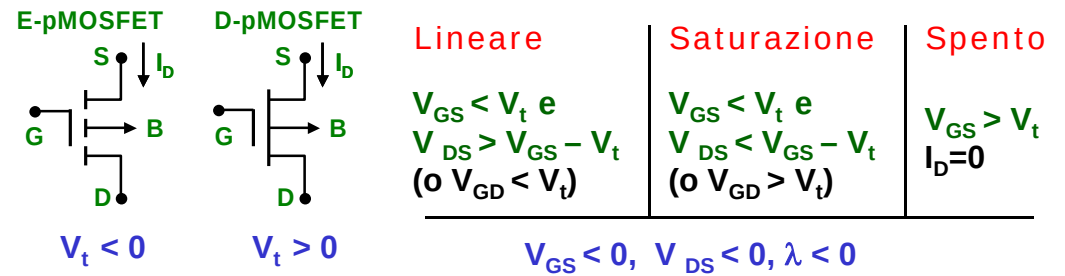
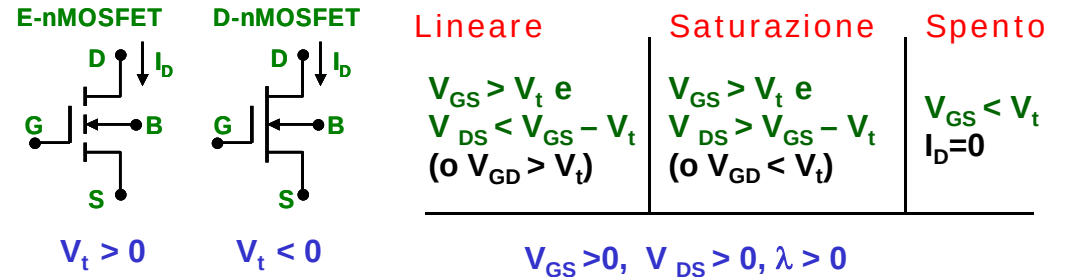
BJT



Piccolo segnale



MOSFET



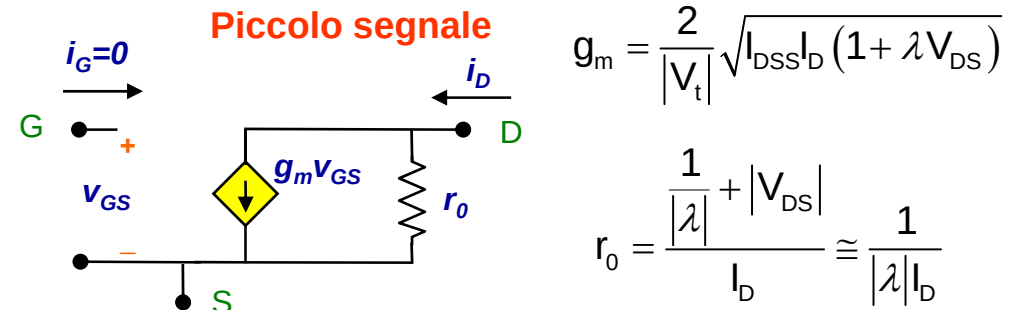
Lineare
 $I_{DSS} = \frac{1}{2} k'_{n,p} \left(\frac{W}{L} \right) V_t^2$

$k'_{n,p} = \mu_{n,p} C_{OX}$

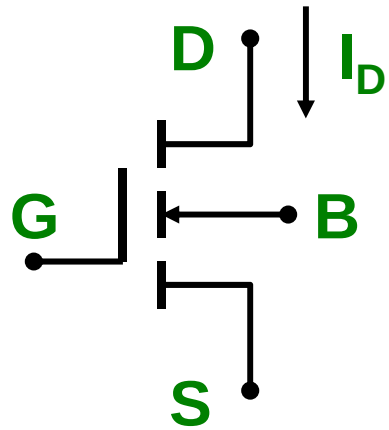
Saturazione
 $I_D = k'_{n,p} \left(\frac{W}{L} \right) \left[(V_{GS} - V_t) V_{DS} - \frac{1}{2} V_{DS}^2 \right]$

$I_D = I_{DSS} \left(1 - \frac{V_{GS}}{V_t} \right)^2 (1 + \lambda V_{DS})$

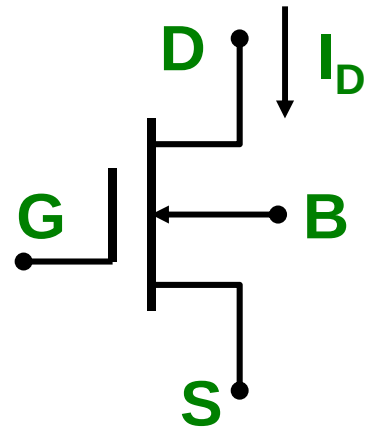
Piccolo segnale



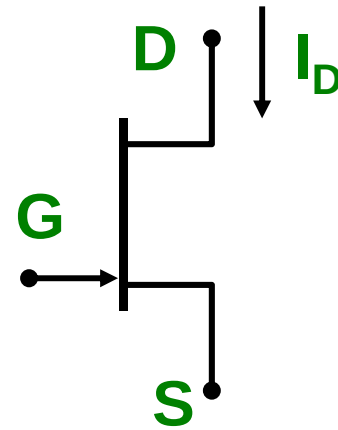
E-nMOSFET



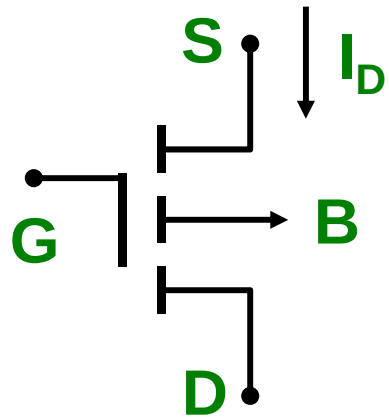
D-nMOSFET



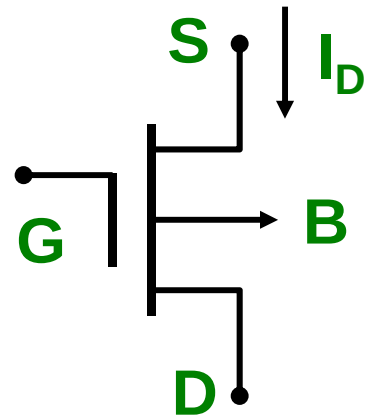
n - JFET



E-pMOSFET



D-pMOSFET



p - JFET

