

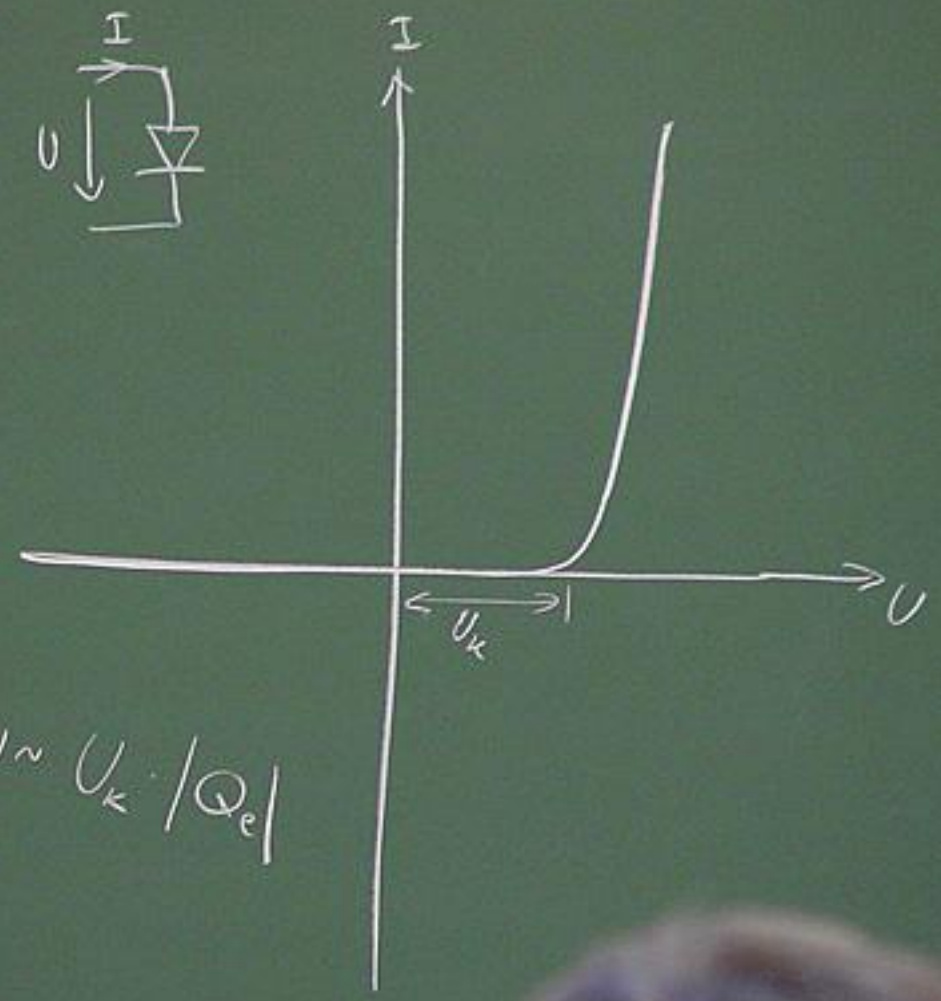
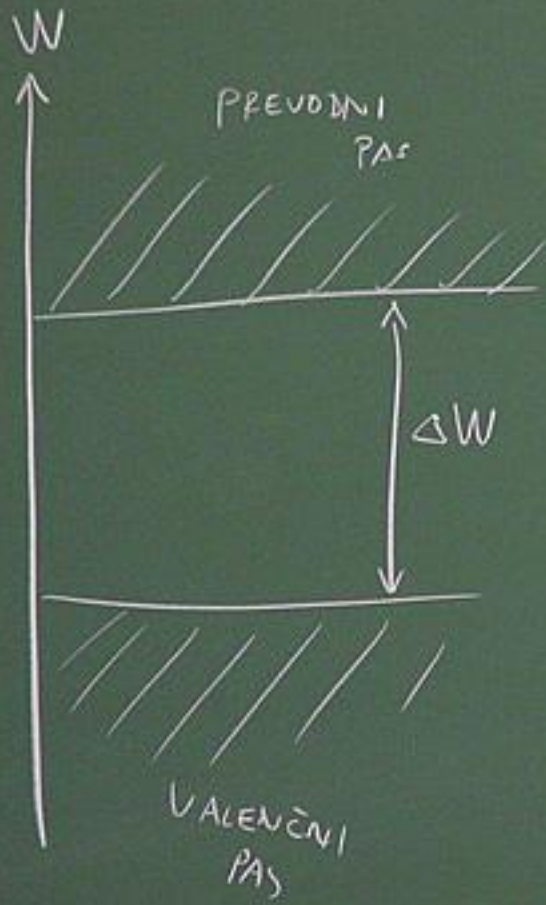
VALENCNI PAS

PREVODNI PAS

ΔW

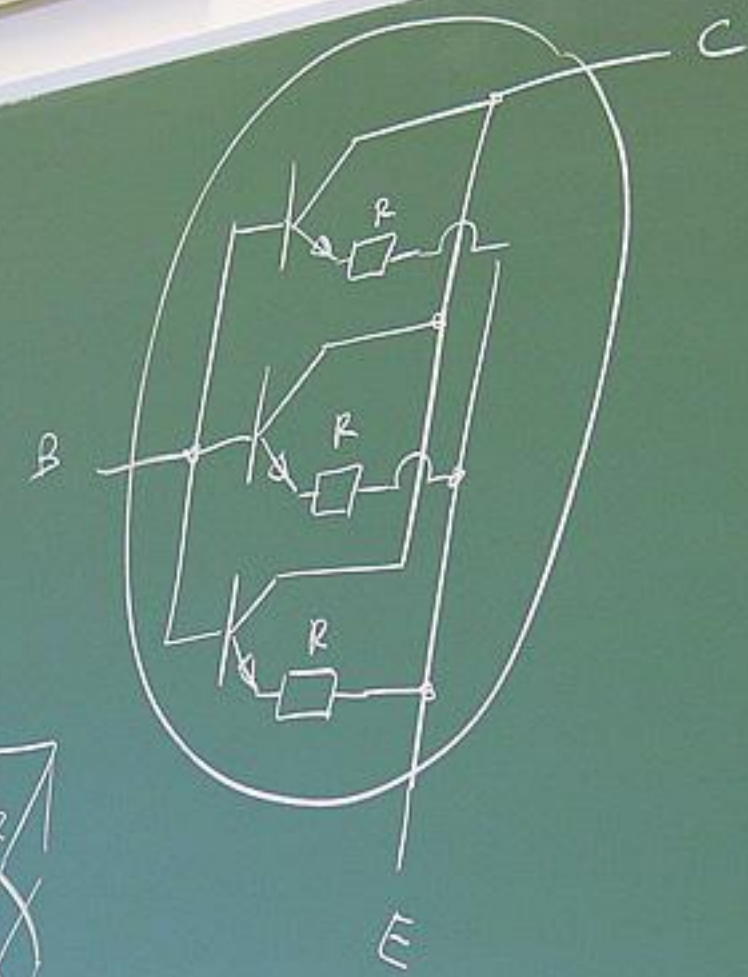
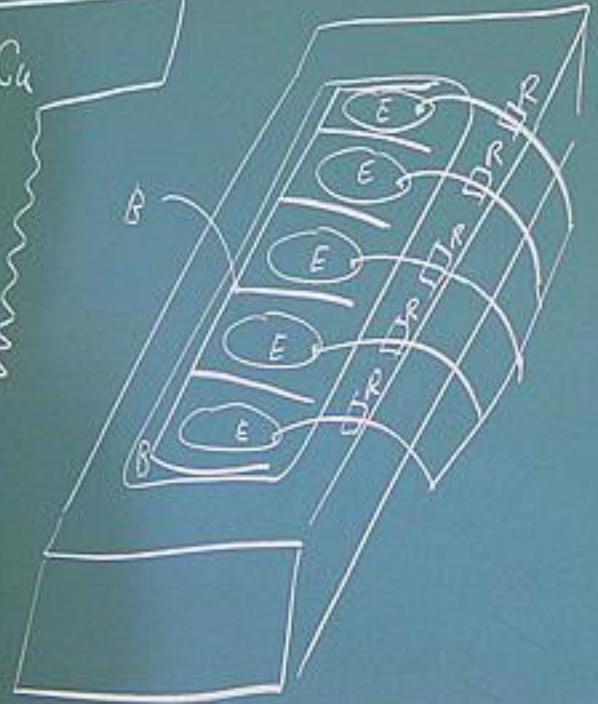
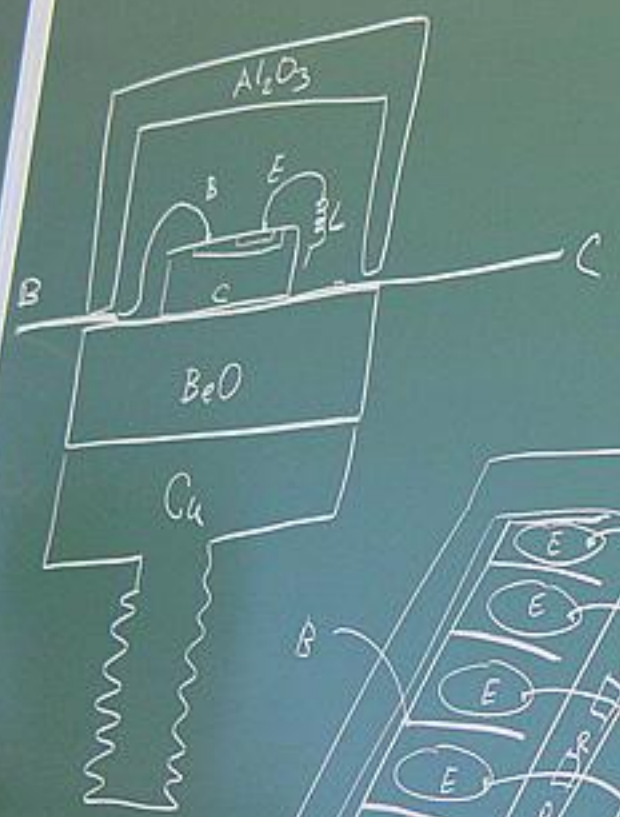
W

I



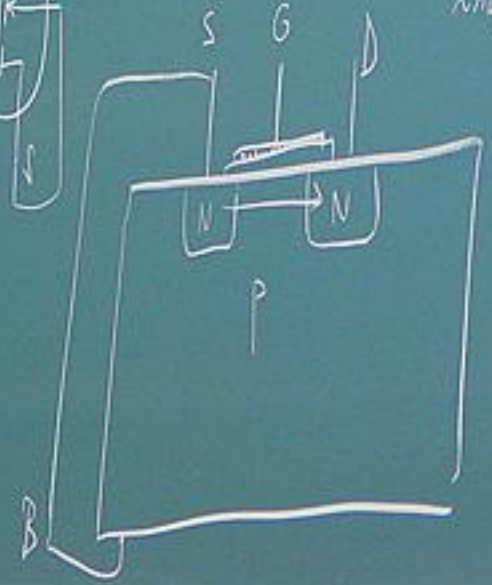
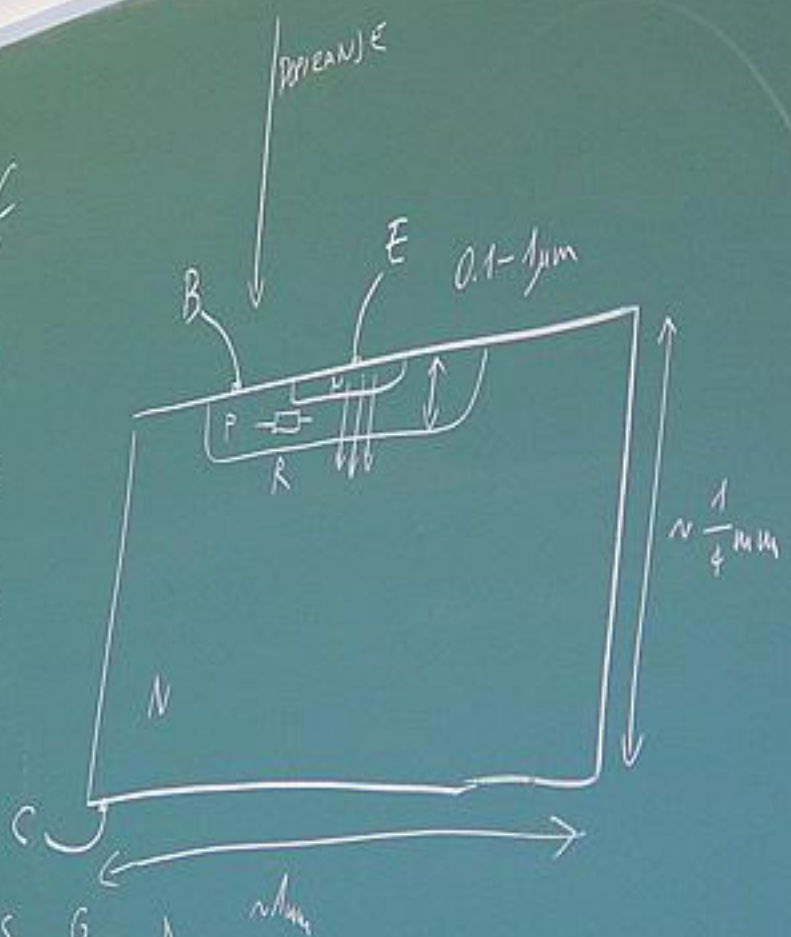
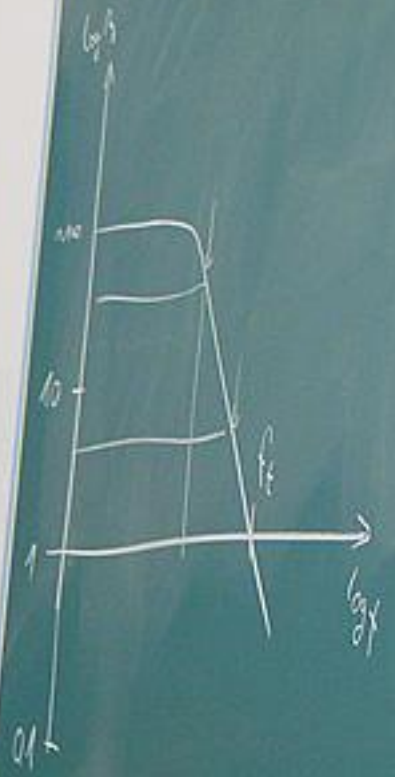
$$\Delta W \sim U_k \cdot |Q_e|$$

$\frac{1}{4} \mu m$

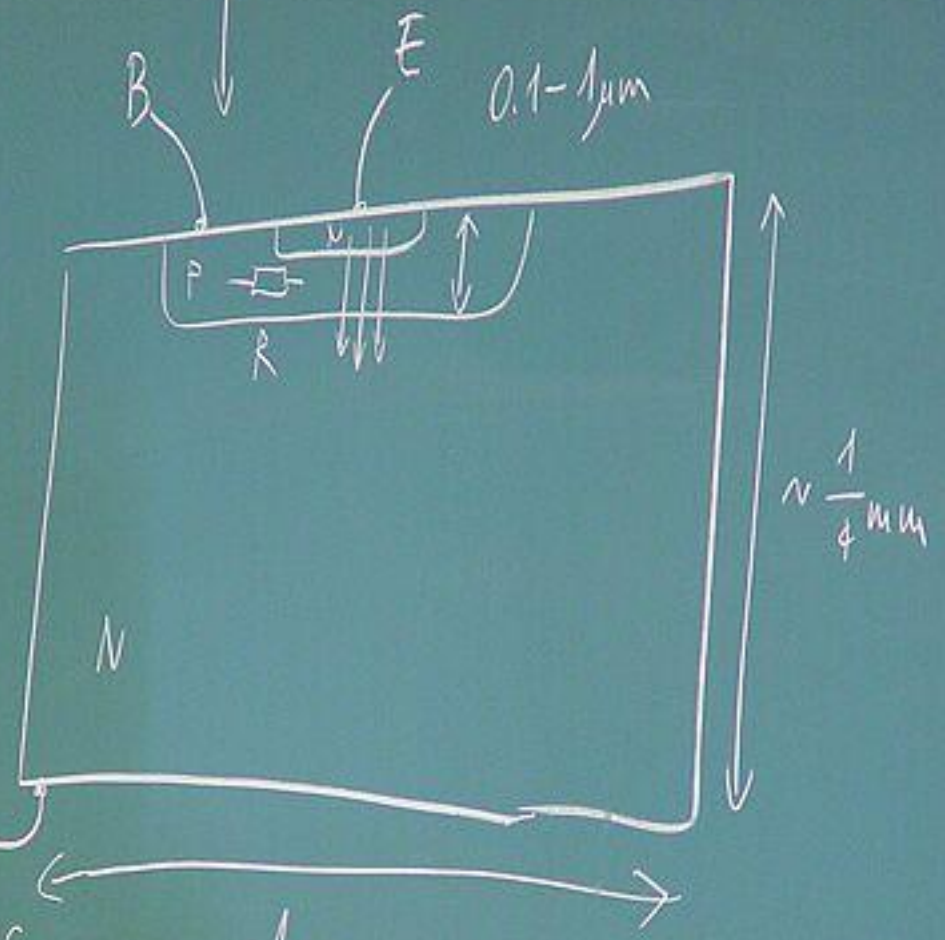
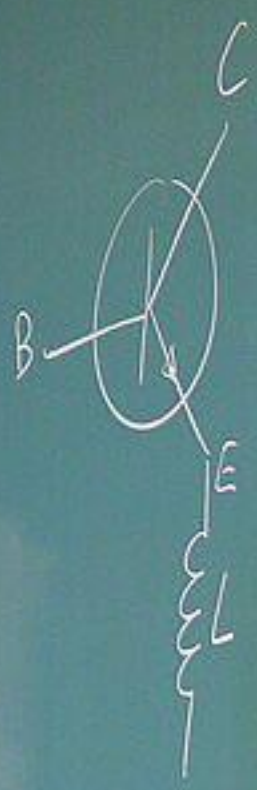


I_{cm}

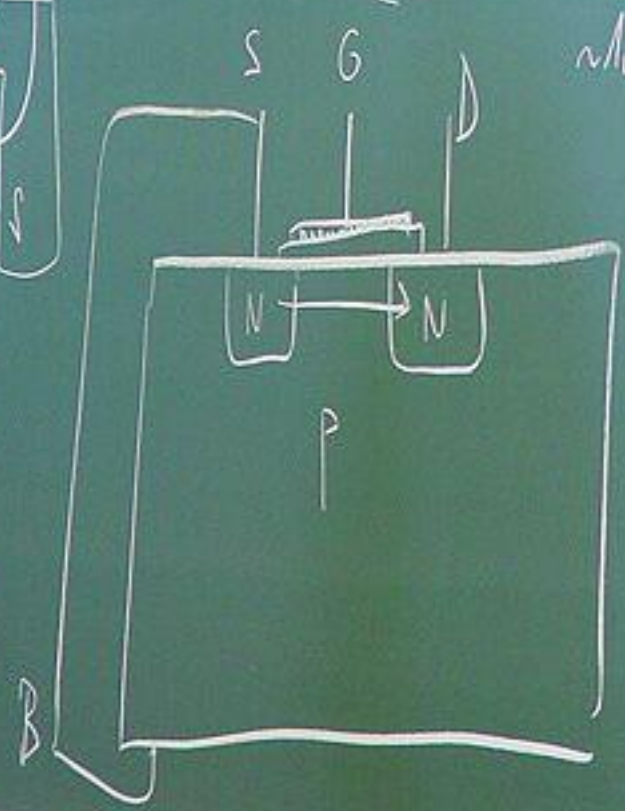
$$\beta = \frac{I_c}{I_b}$$

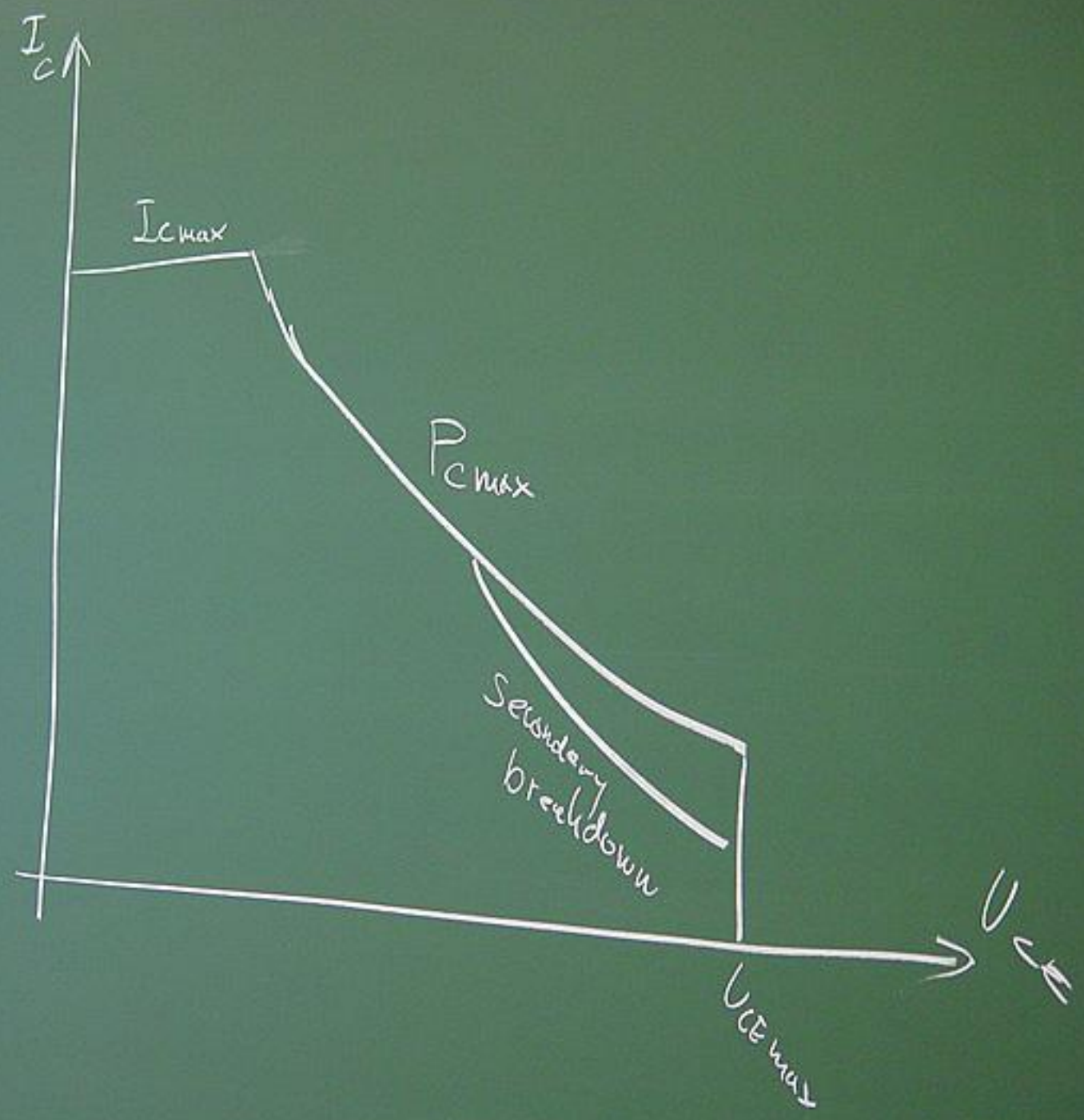
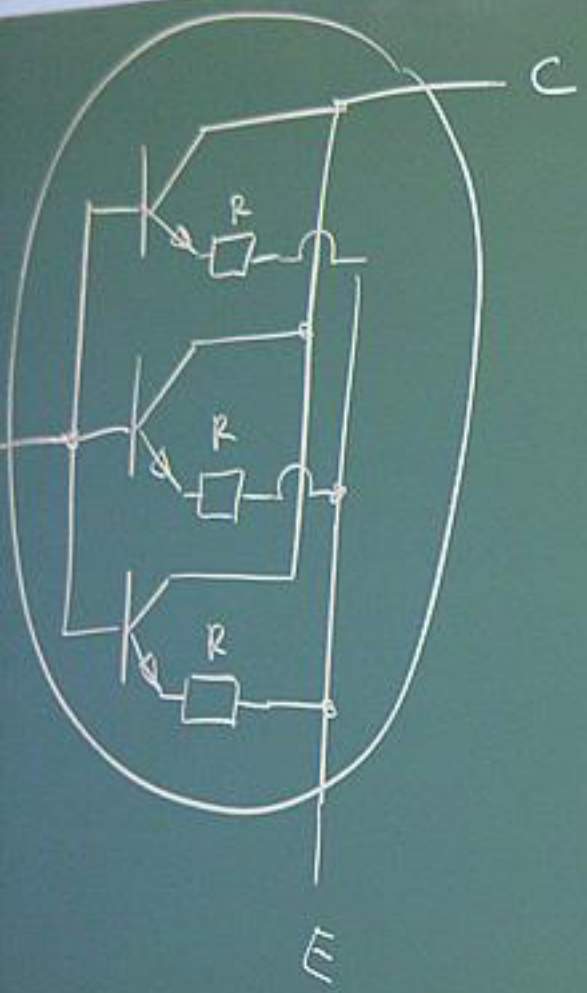


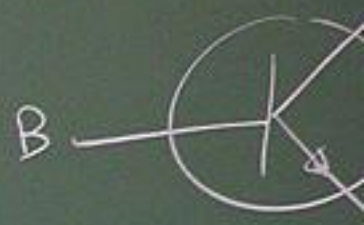
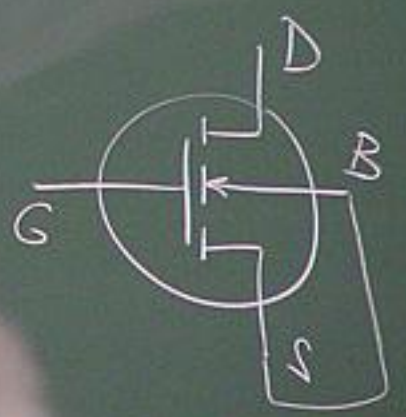
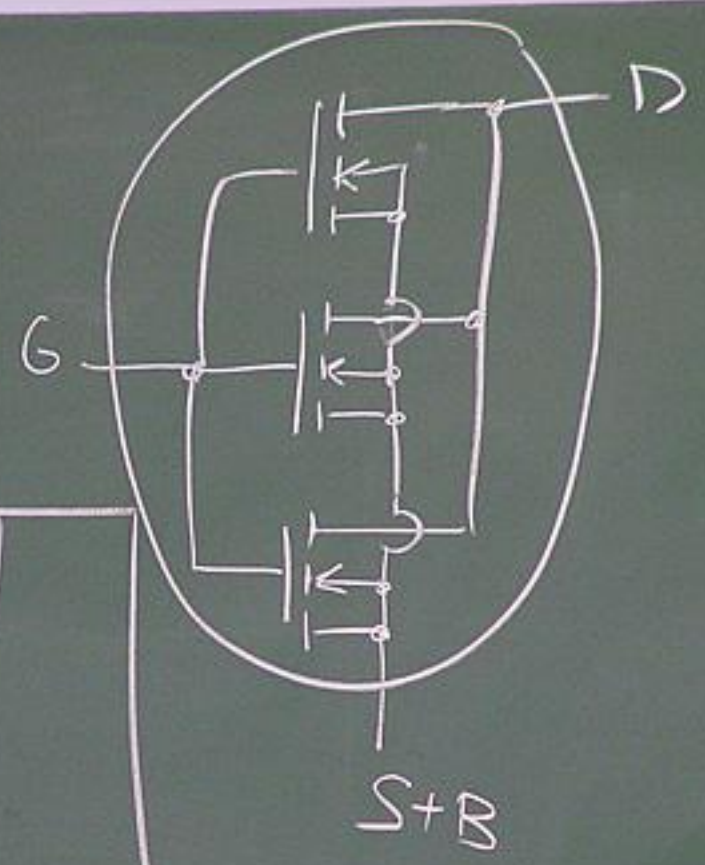
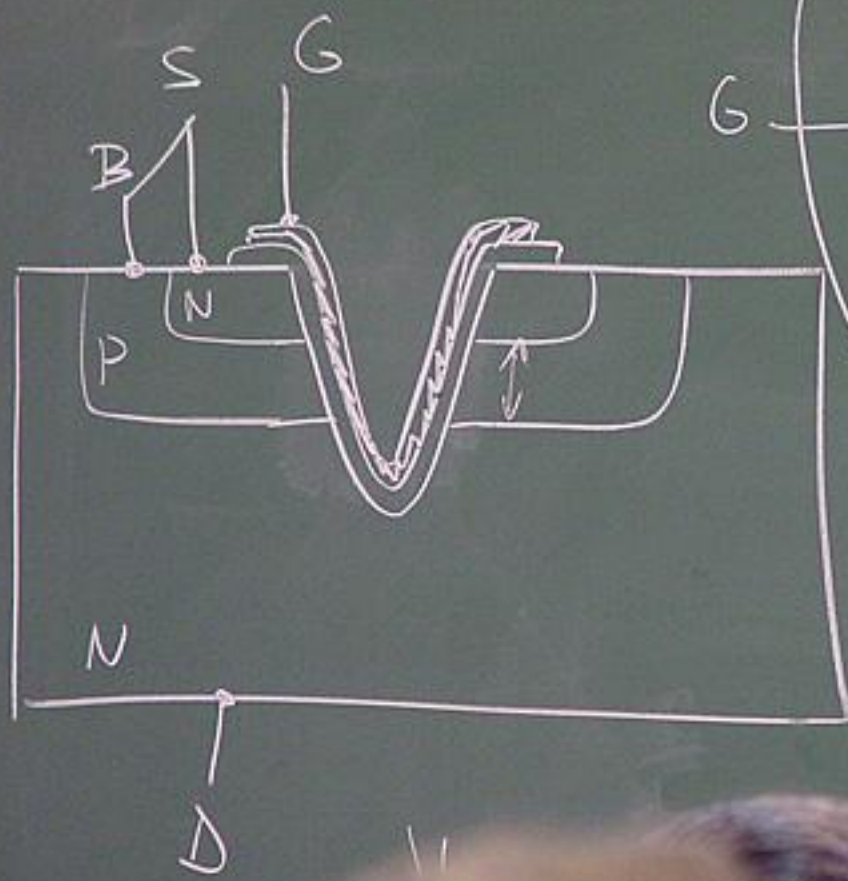
DIAPHRAGM

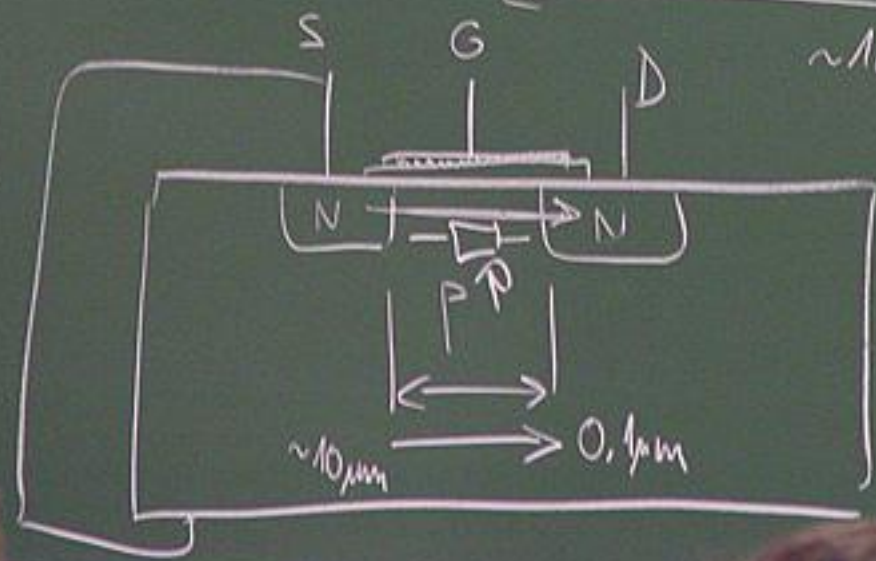
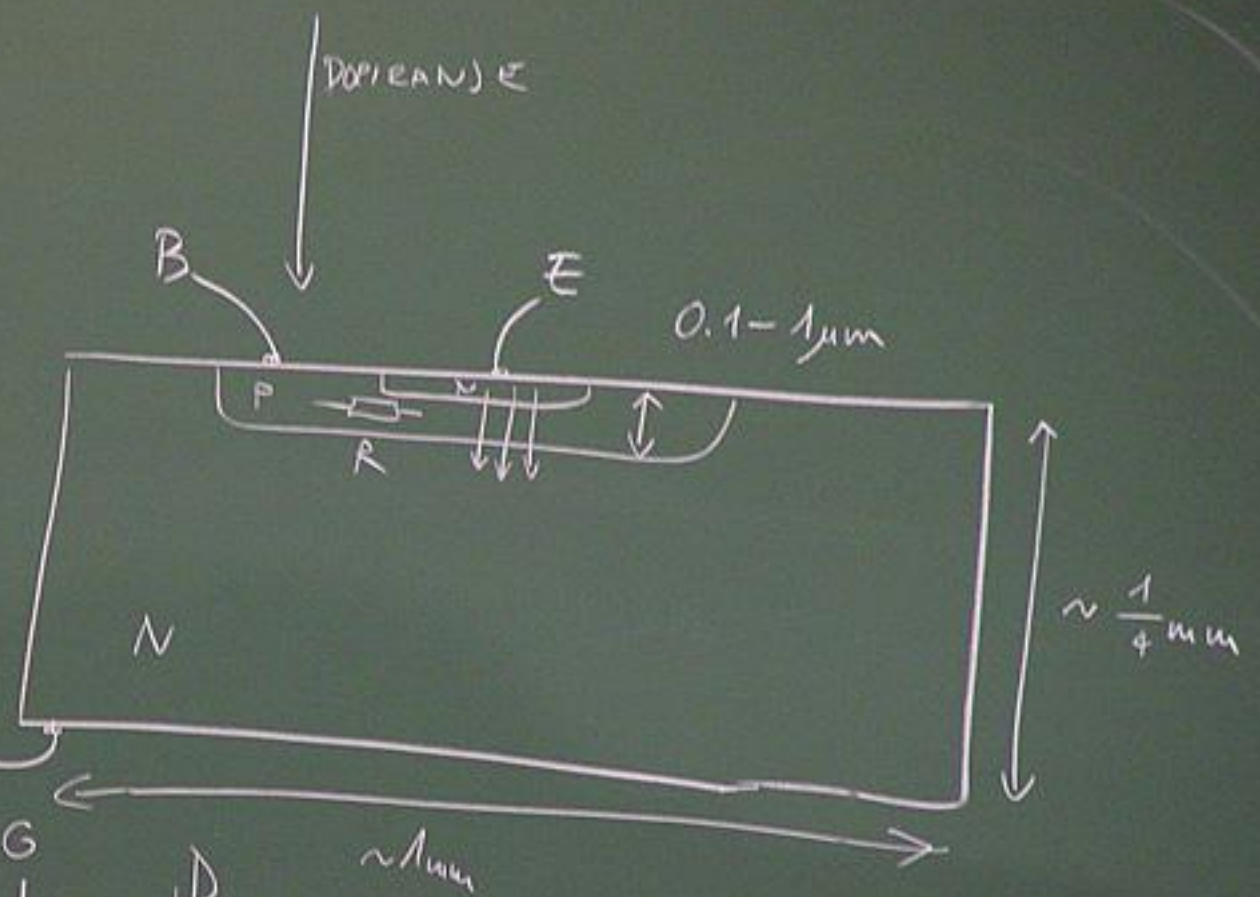
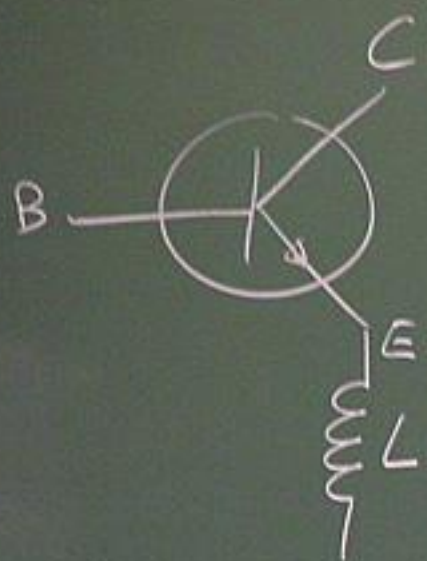


~ 1/4 mm

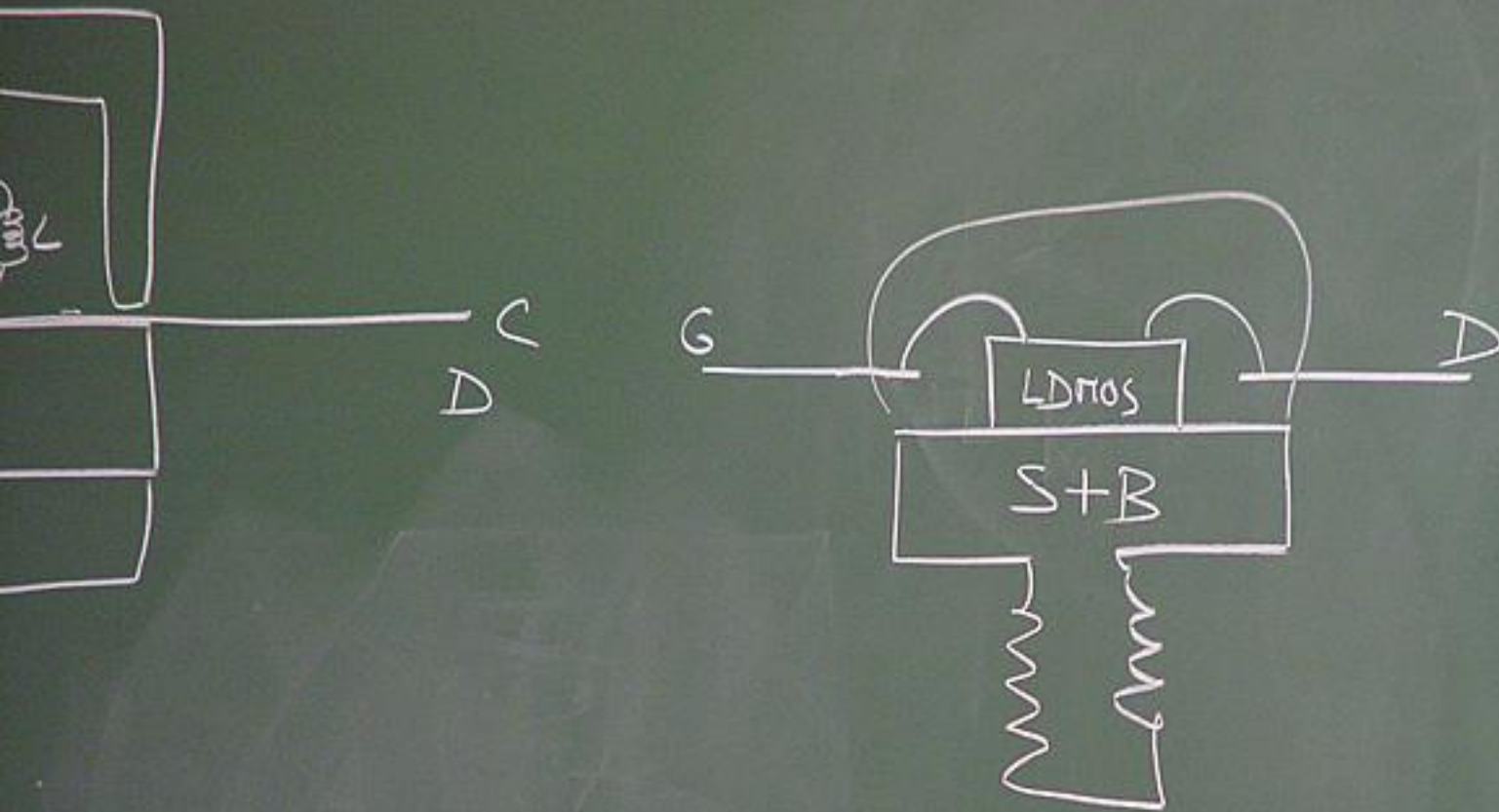








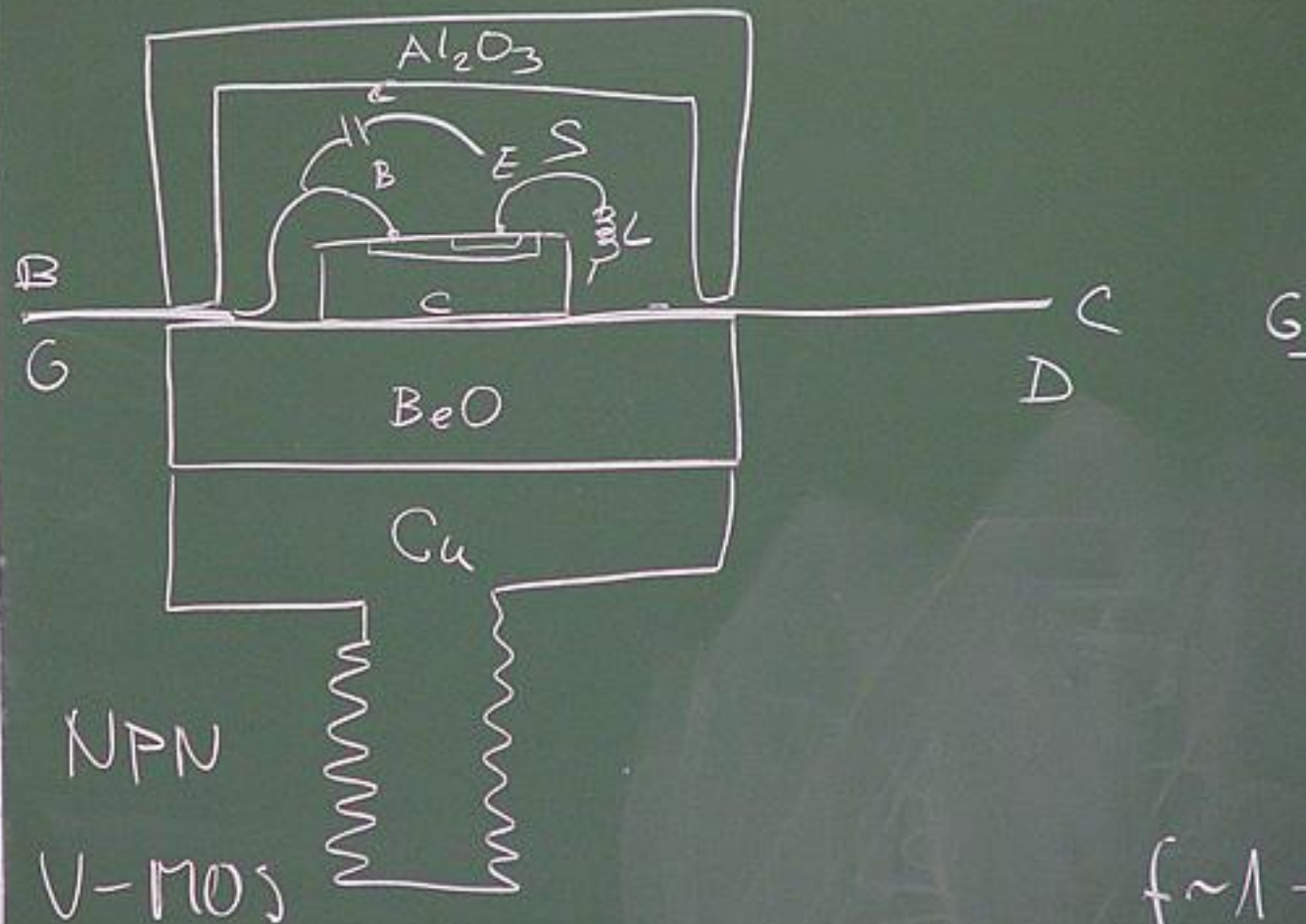
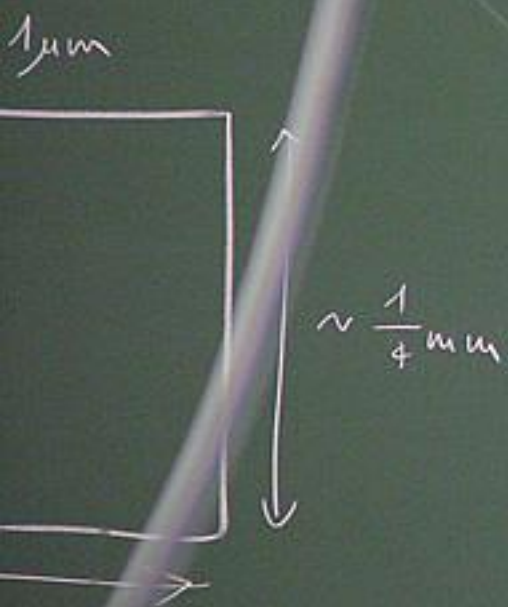
LD-MOS



$f \sim 1 - 2 \text{ GHz}$

$P \sim 100 \text{ W}$

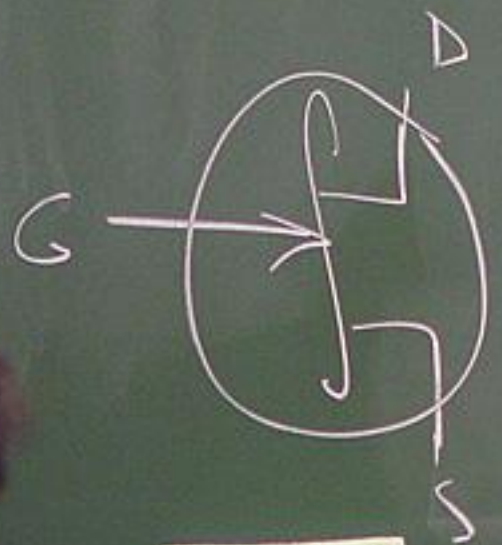
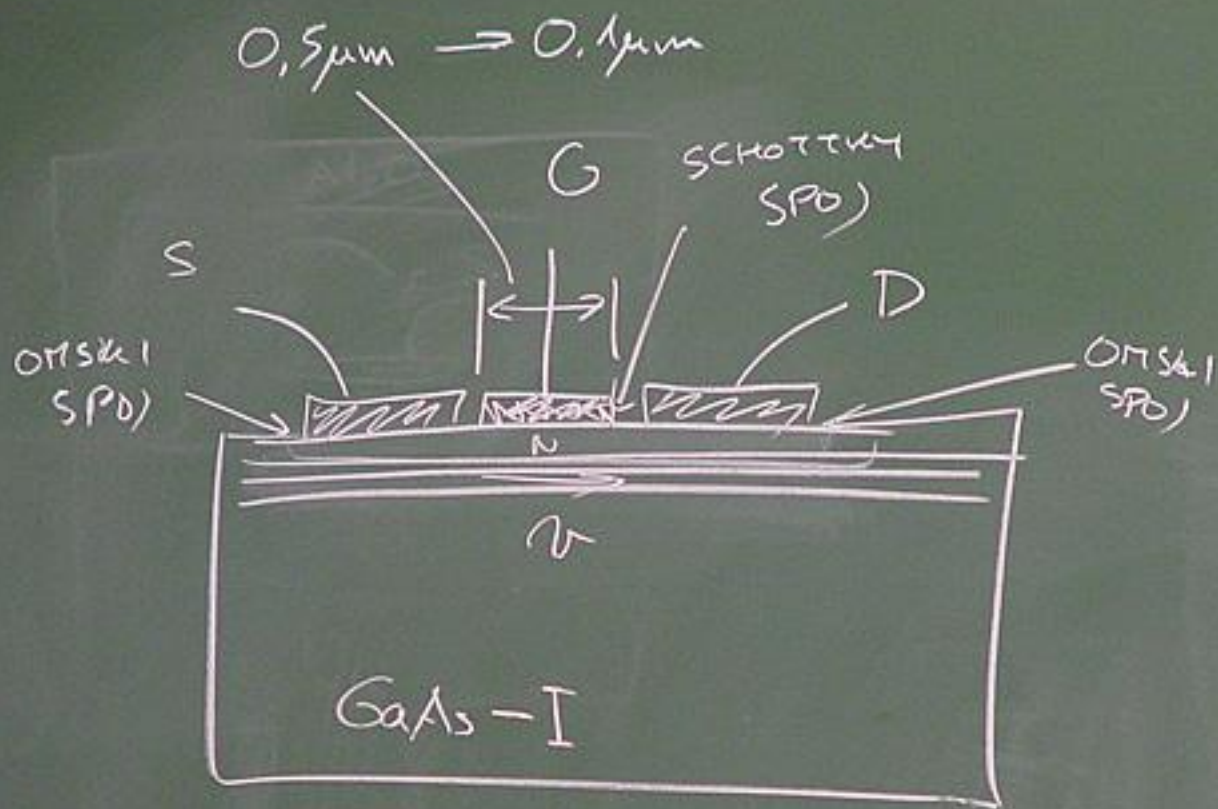
$G \sim 15 - 20 \text{ dB}$

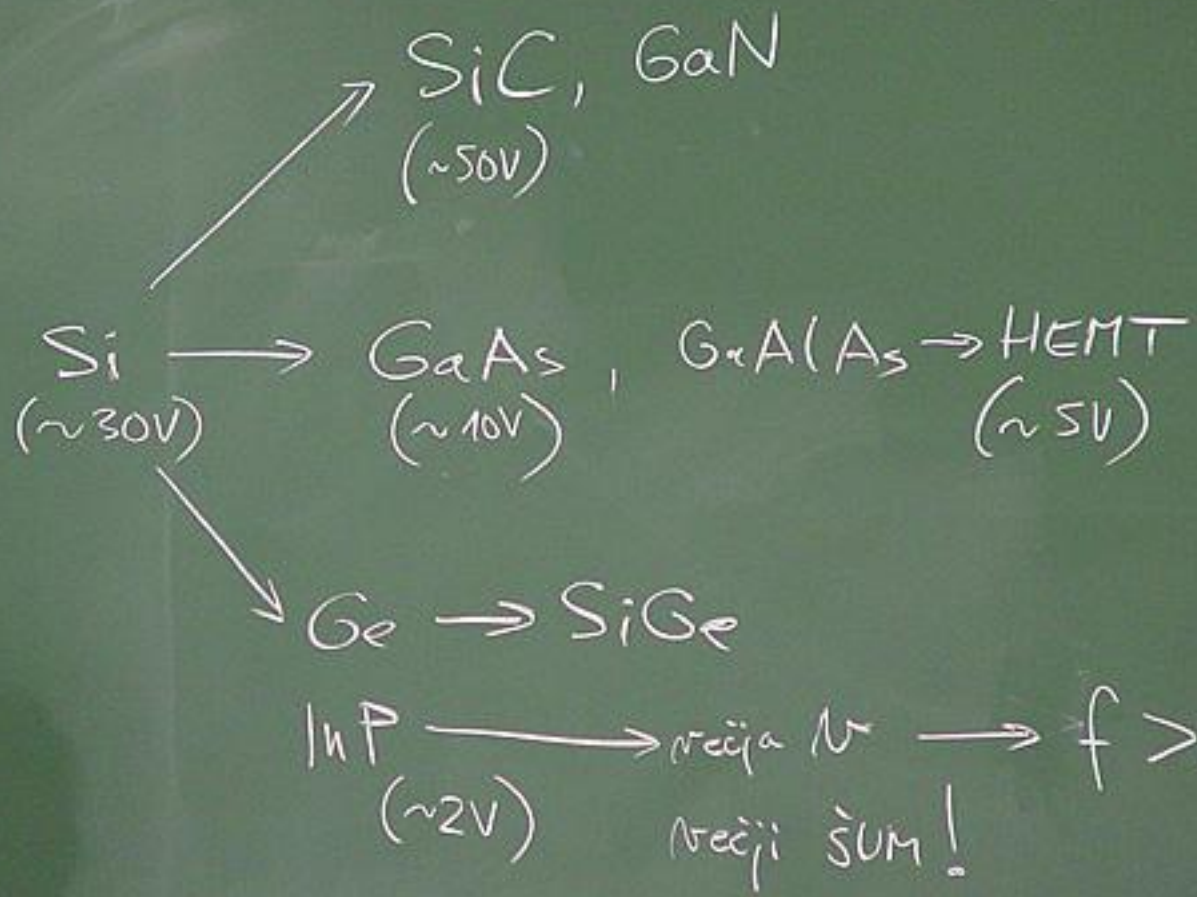
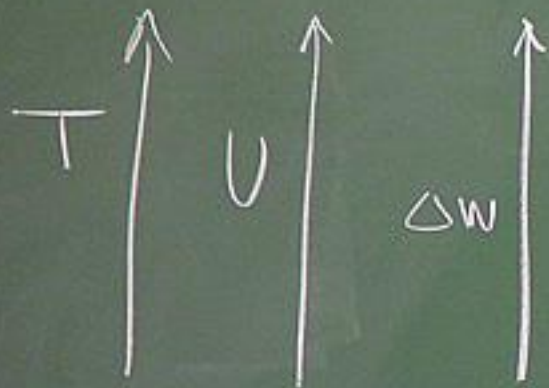


$f \sim 1 - 2$

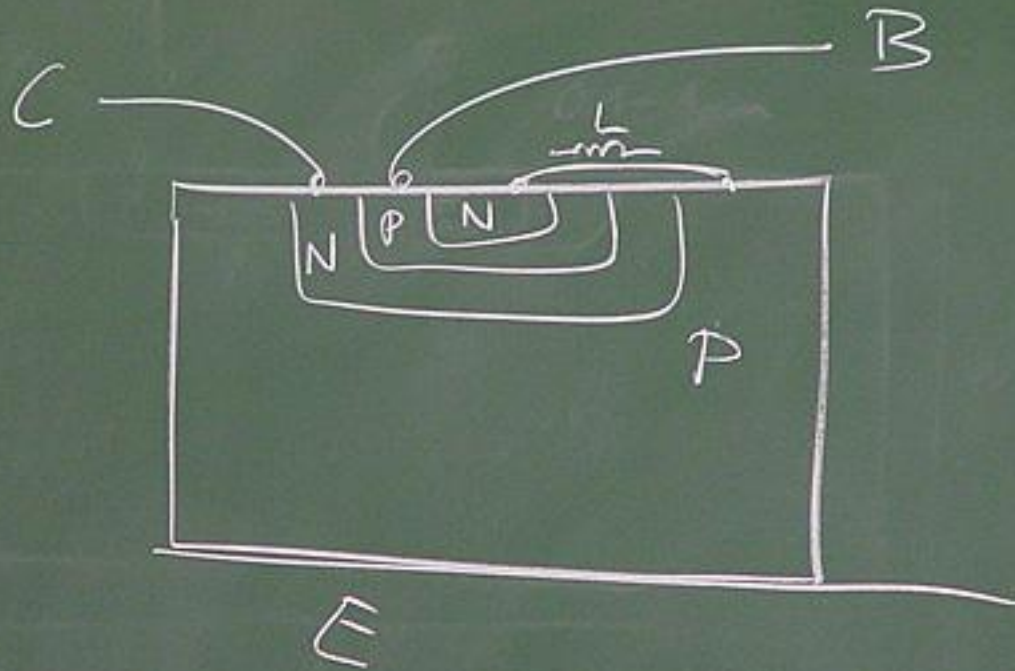
$P \sim 100$

$G \sim 15 -$





BFP420

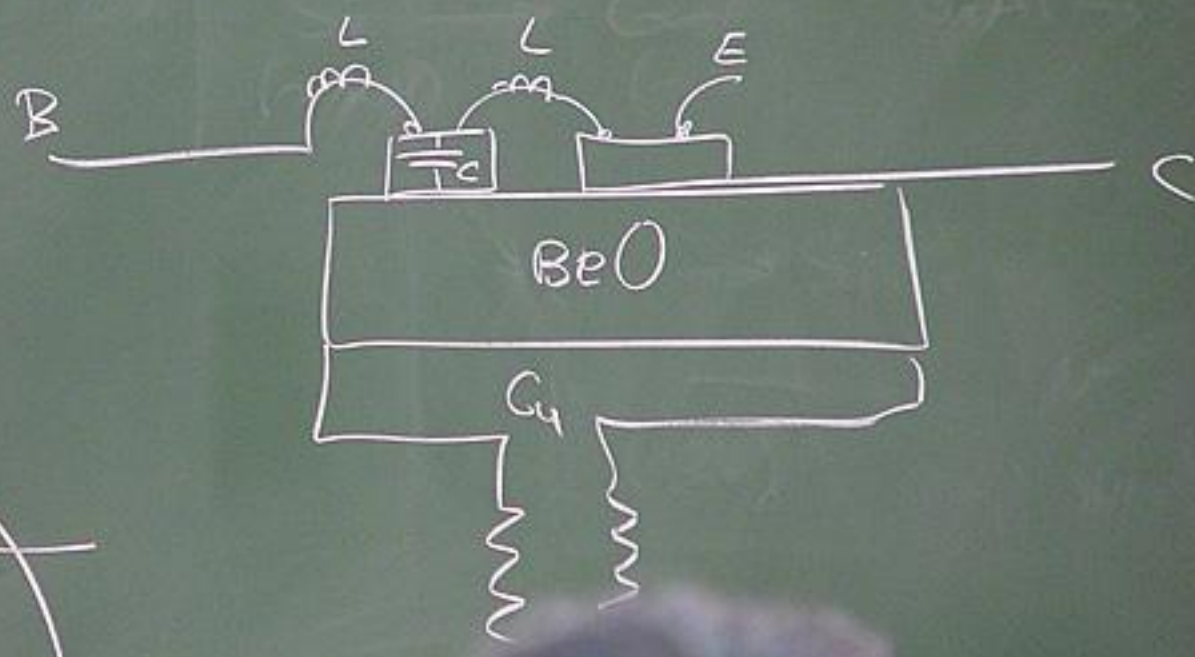
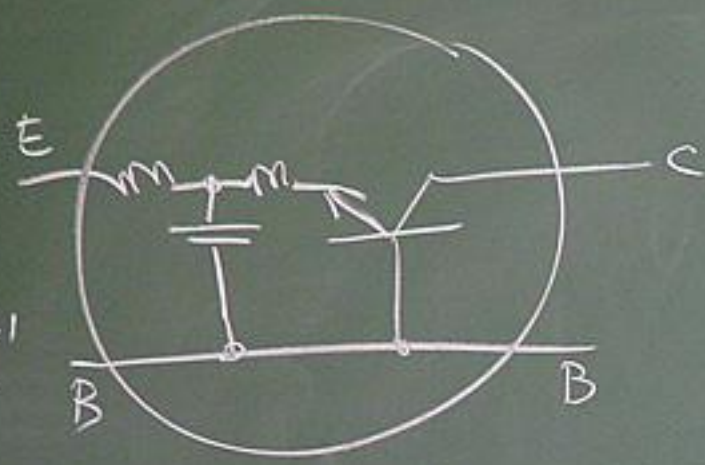


OMSK
SPD)

SIC, GaN
(Siv)

GAA

OMSA / SPO



T

