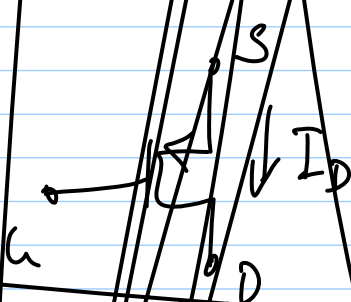
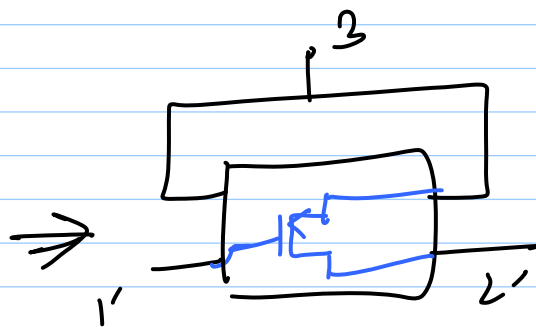
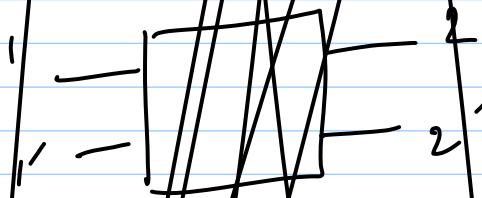


10-10-12

Lec 29

PMOS transistor



Sat.

$$I_D = \frac{1}{2} \mu_p C_{ox} \frac{W}{L} (V_{SG} - V_{TP})^2 (1 + \lambda_p V_{SD})$$

non-sat.

$$I_D = \mu_p C_{ox} \frac{W}{L} \left\{ (V_{SG} - V_{TP}) V_{SD} - \frac{V_{SD}^2}{2} \right\}$$

O.P. X

