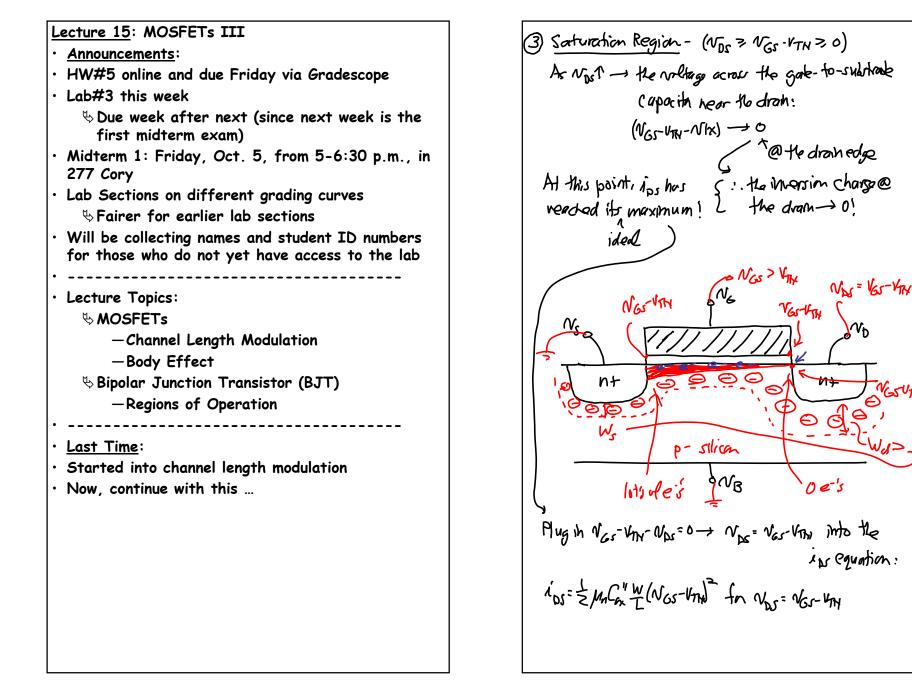
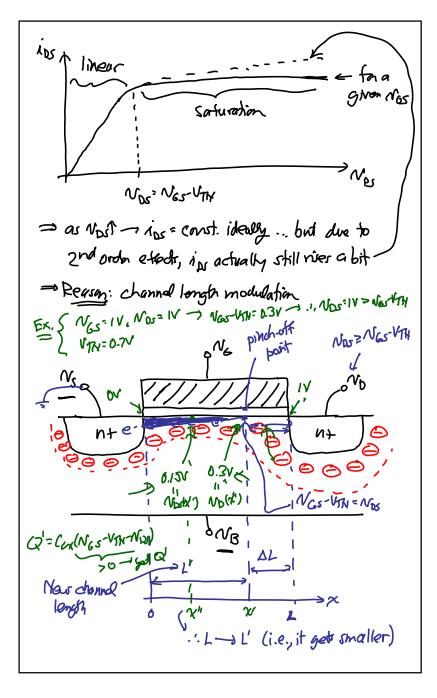
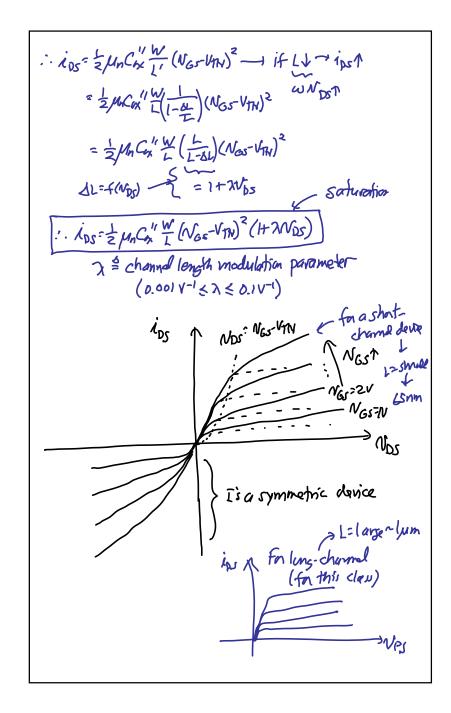
CTN 9/26/18

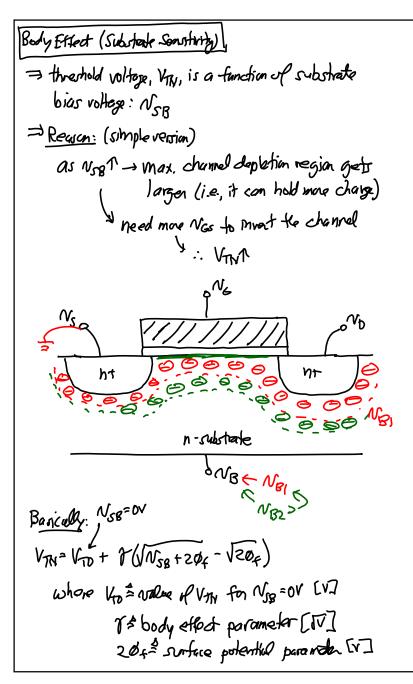


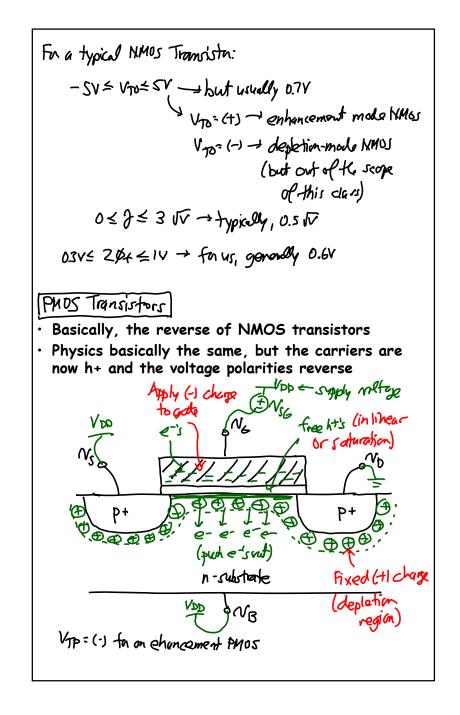
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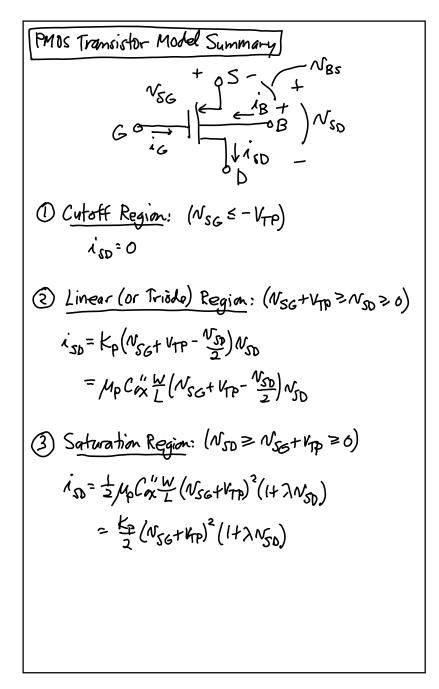




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Where for all regions:

$$k_p = k_p' \frac{W}{L} = M_p C_{ax}' \frac{W}{L}$$

 $\lambda_G = 0$ and $\lambda_B = 0$
 $V_{TP} = V_{T0} - \partial (\sqrt{V_{BS} + 2} \partial_F - \sqrt{2} \partial_F))$
 M_p^{\triangleq} ht mobility in the channel
 $C_{ax}' \triangleq gate oxide per unit area
 $V_{T0} \triangleq$ threshold voltage $\omega / V_{SB} = 0V$
 $\gamma \triangleq$ body effect porameter
 $2O_f = built-in sv rfece potential = 0.6V$$

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