

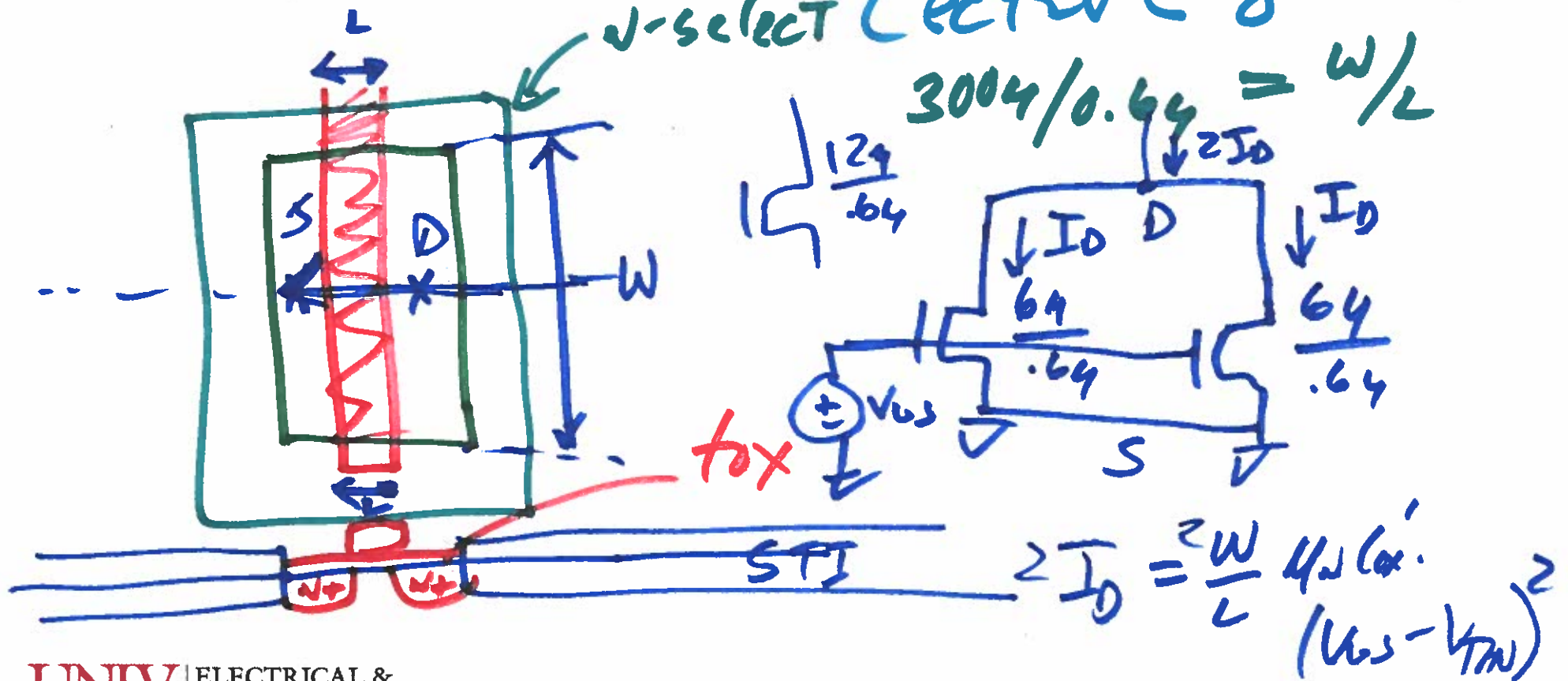
EE421 / EELG 621

# Digital IC Design

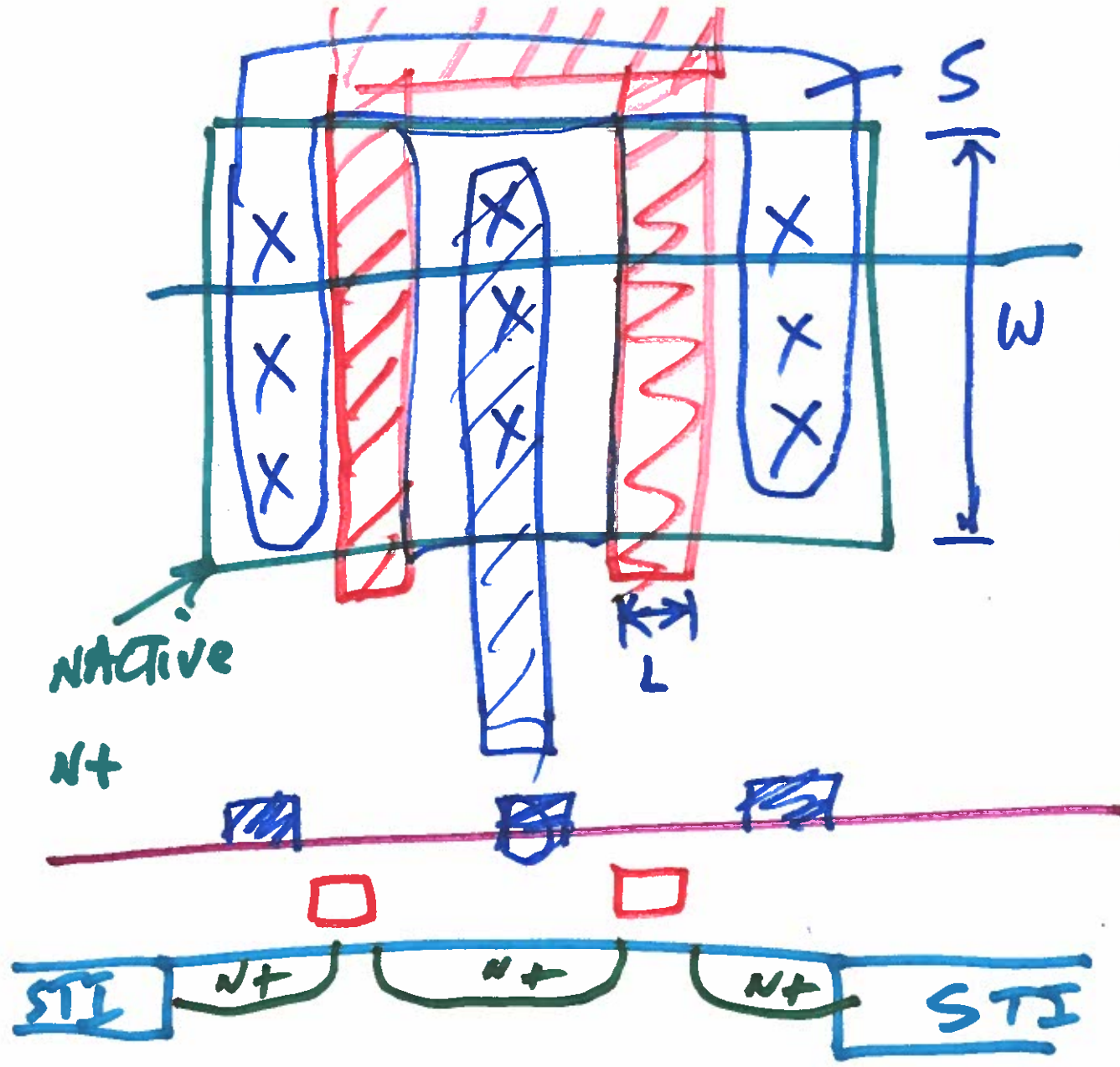
Sept. 23, 2019

n-select Lecture 8

$$3004 / 0.64 = W/L$$



$$2I_D = \frac{2W}{L} \mu_n C_{ox} (V_{gs} - V_{TN})^2$$



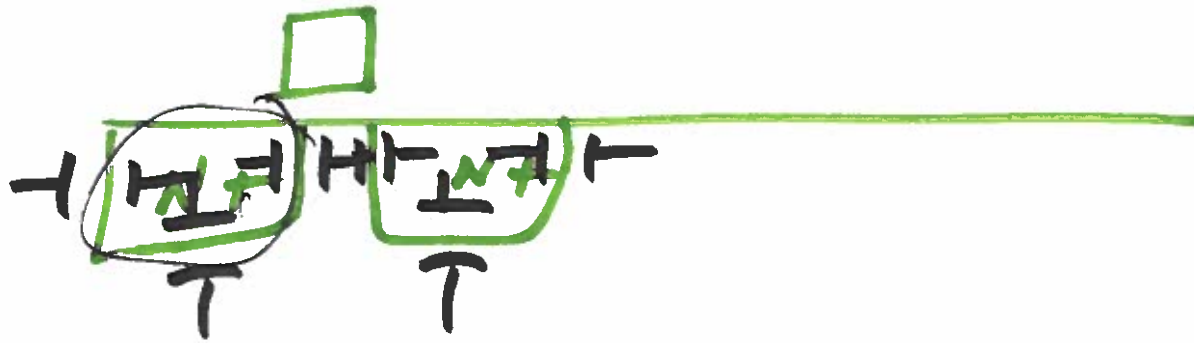
$$\frac{W}{L} \quad m=2$$

$$=$$

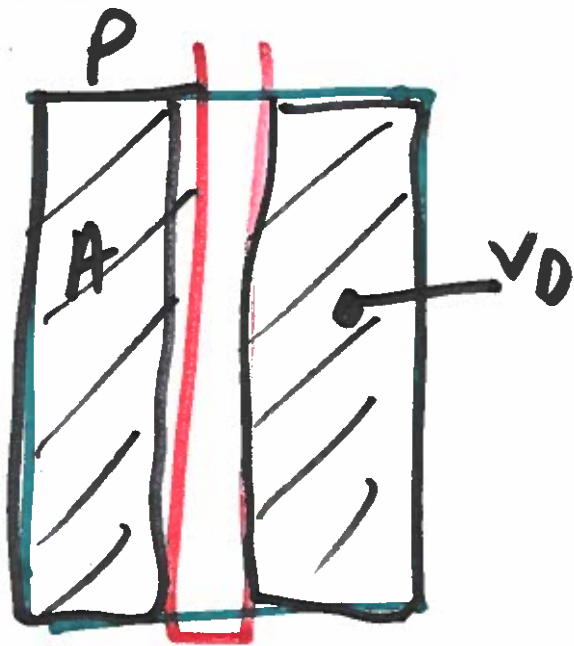
$$\frac{2W}{L}$$

*Handwritten note:*  $\beta \sim 100$

2.)



p-sub



$C_i$

