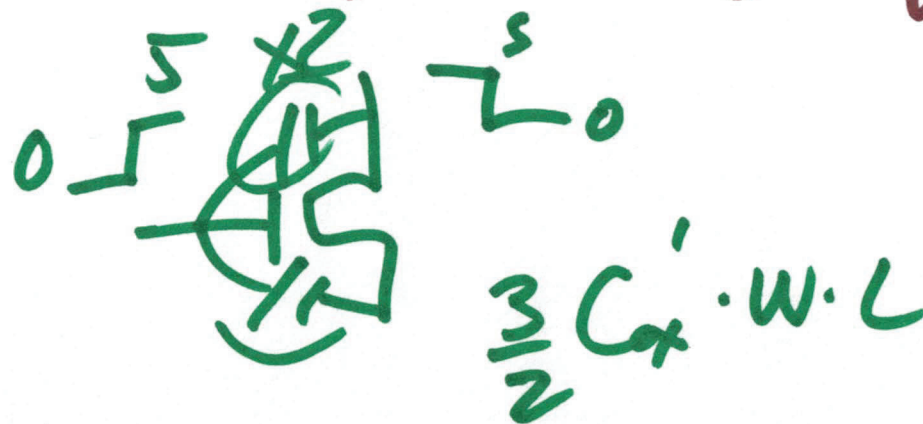
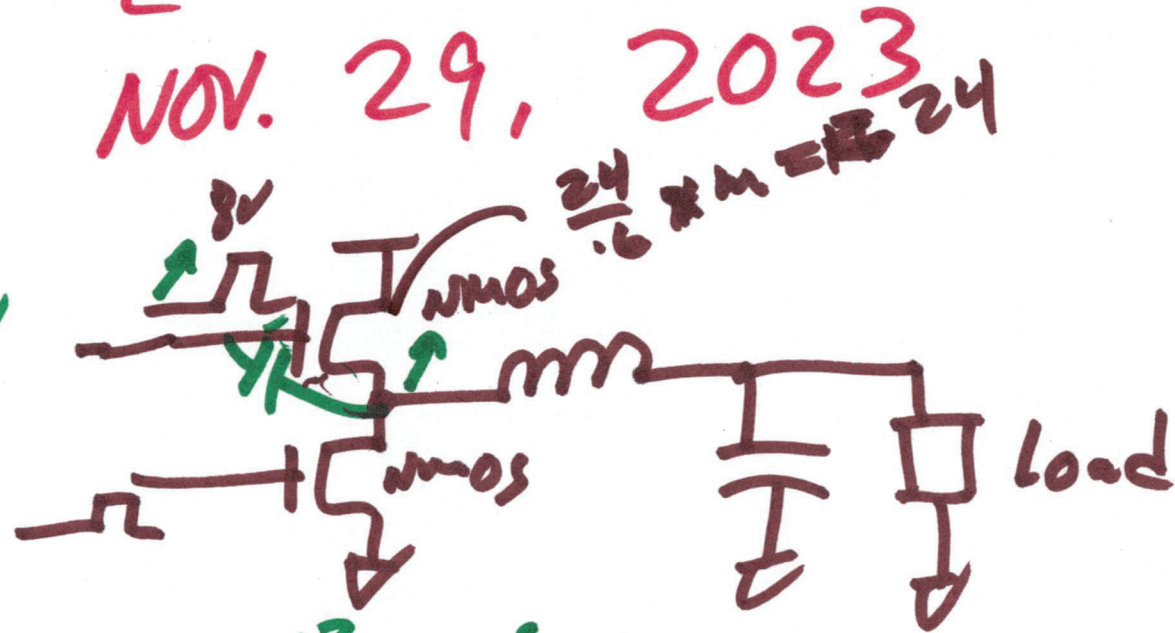
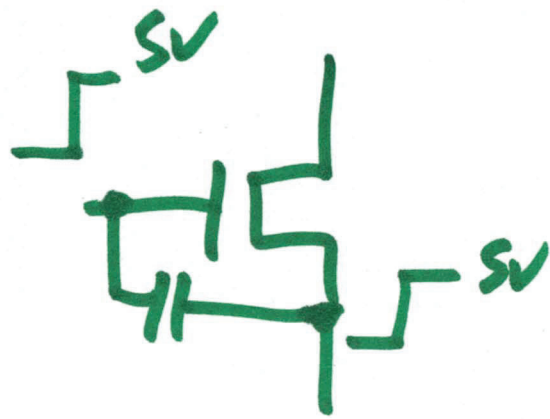
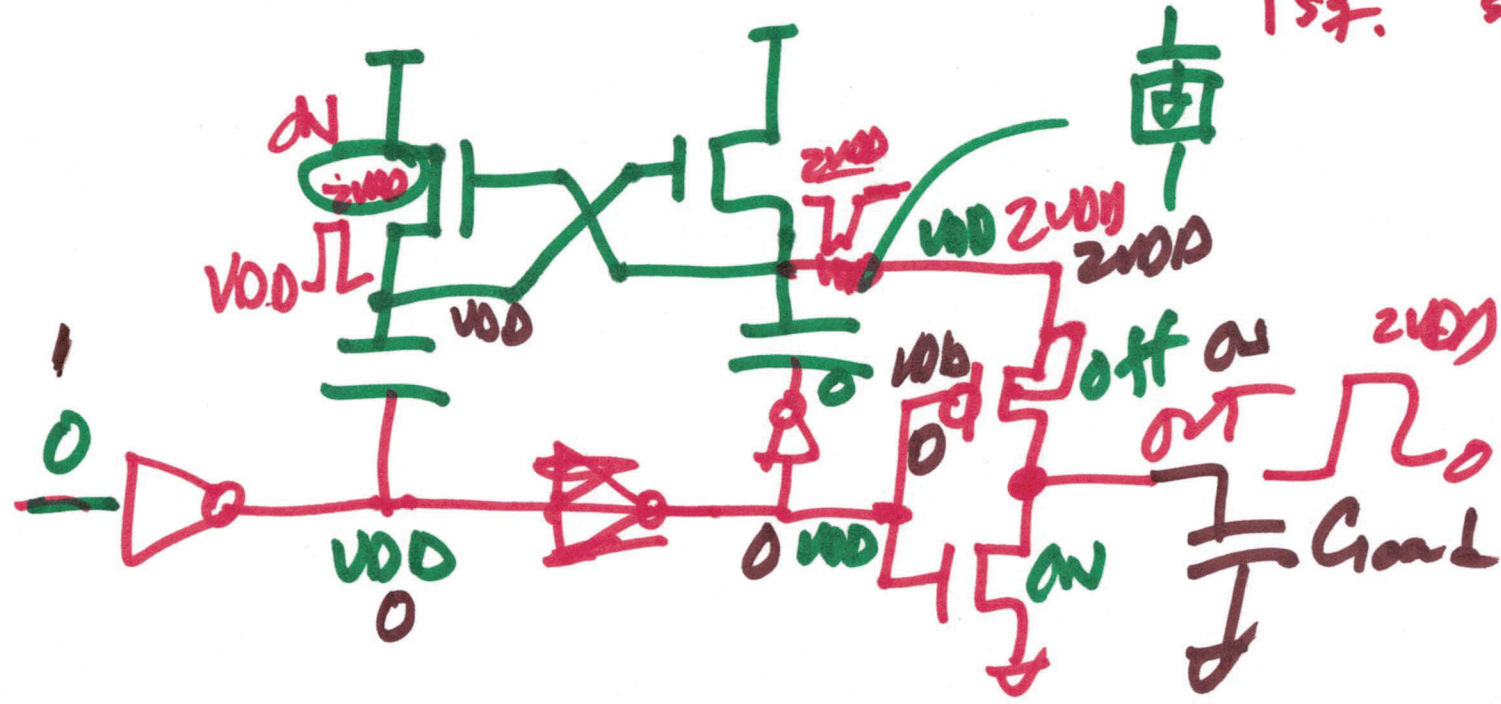
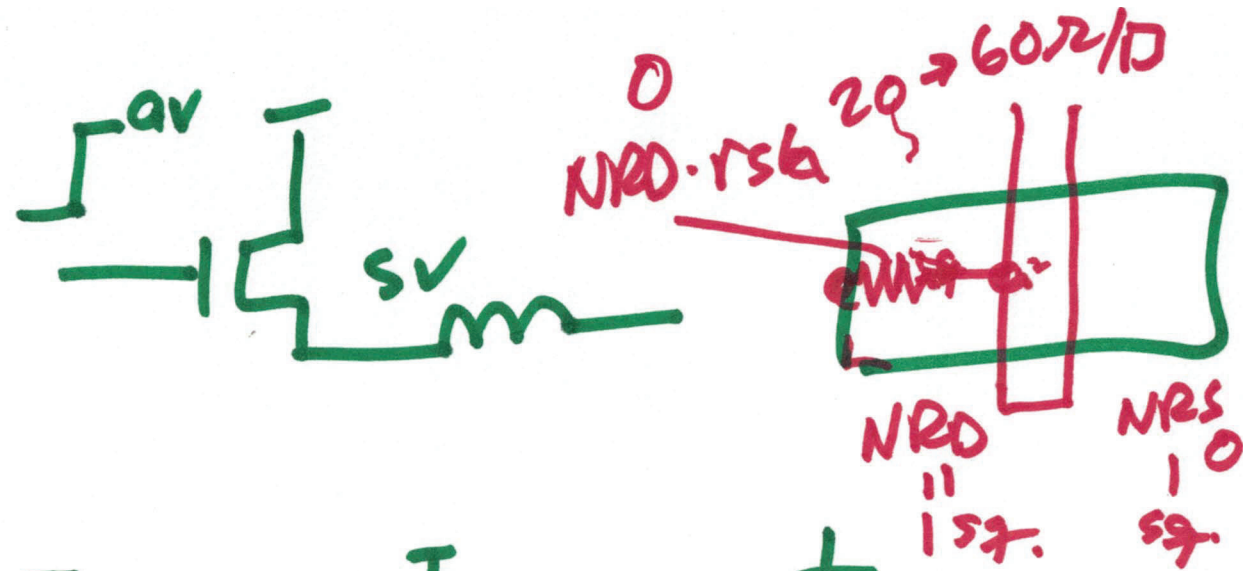


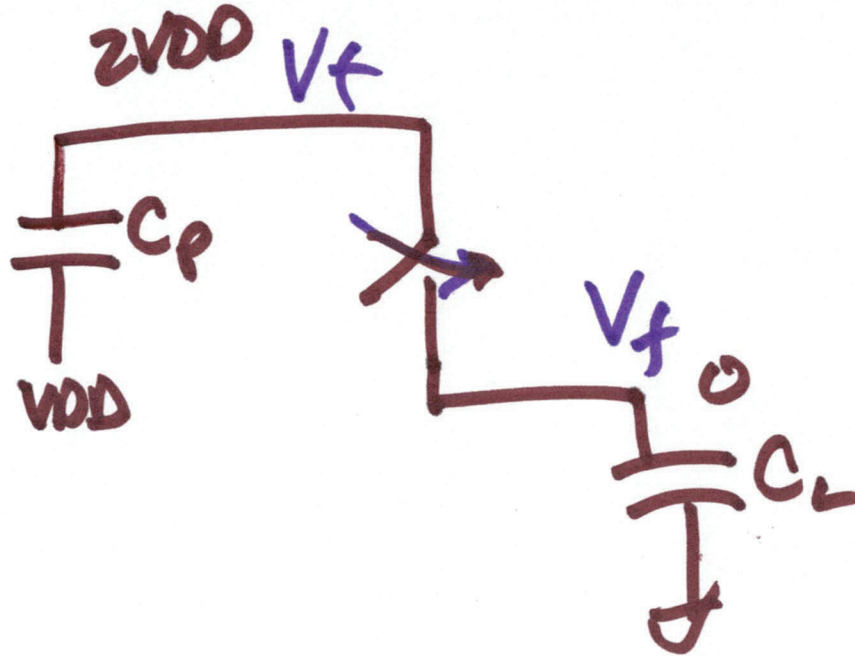
EE 421 / EELG 621

Digital IC Design
Lecture 25

NOV. 29, 2023

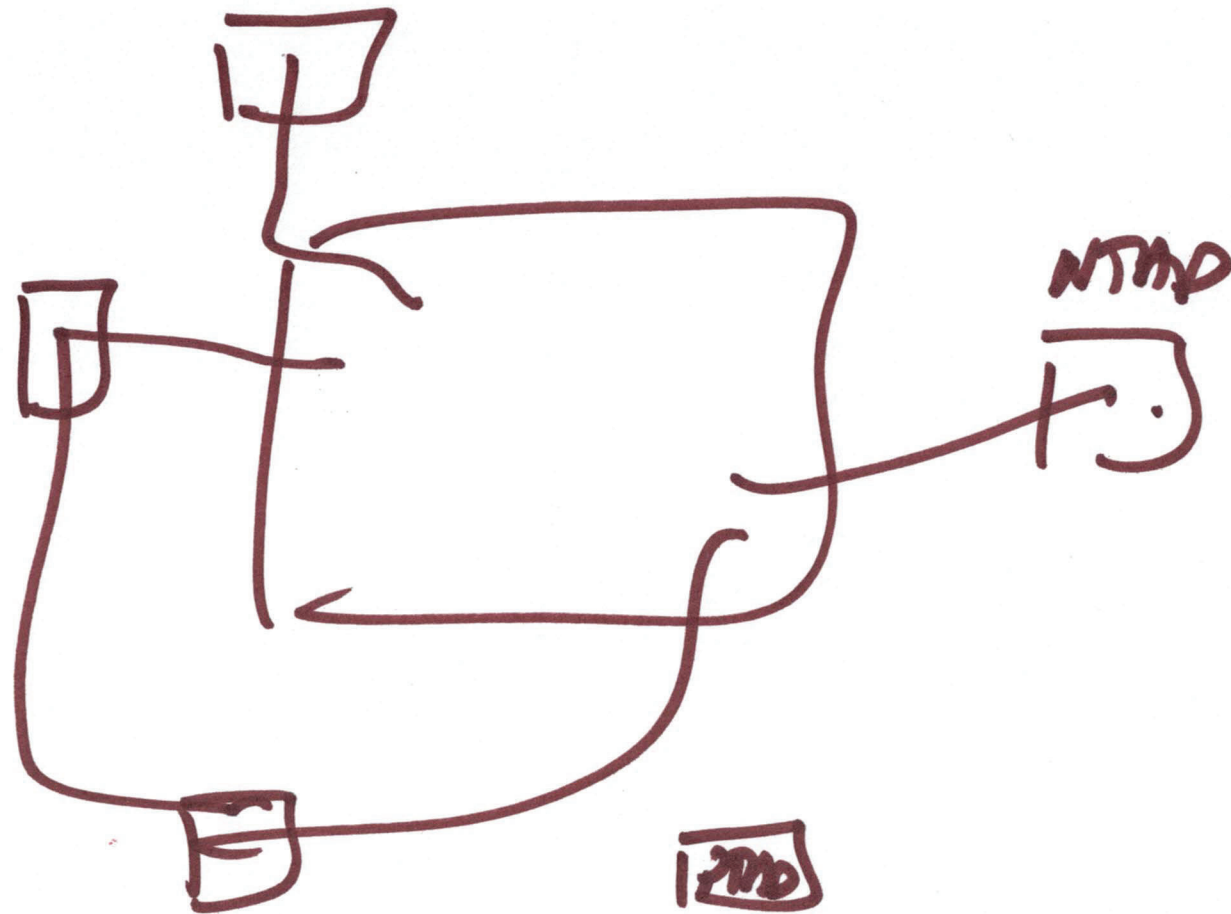


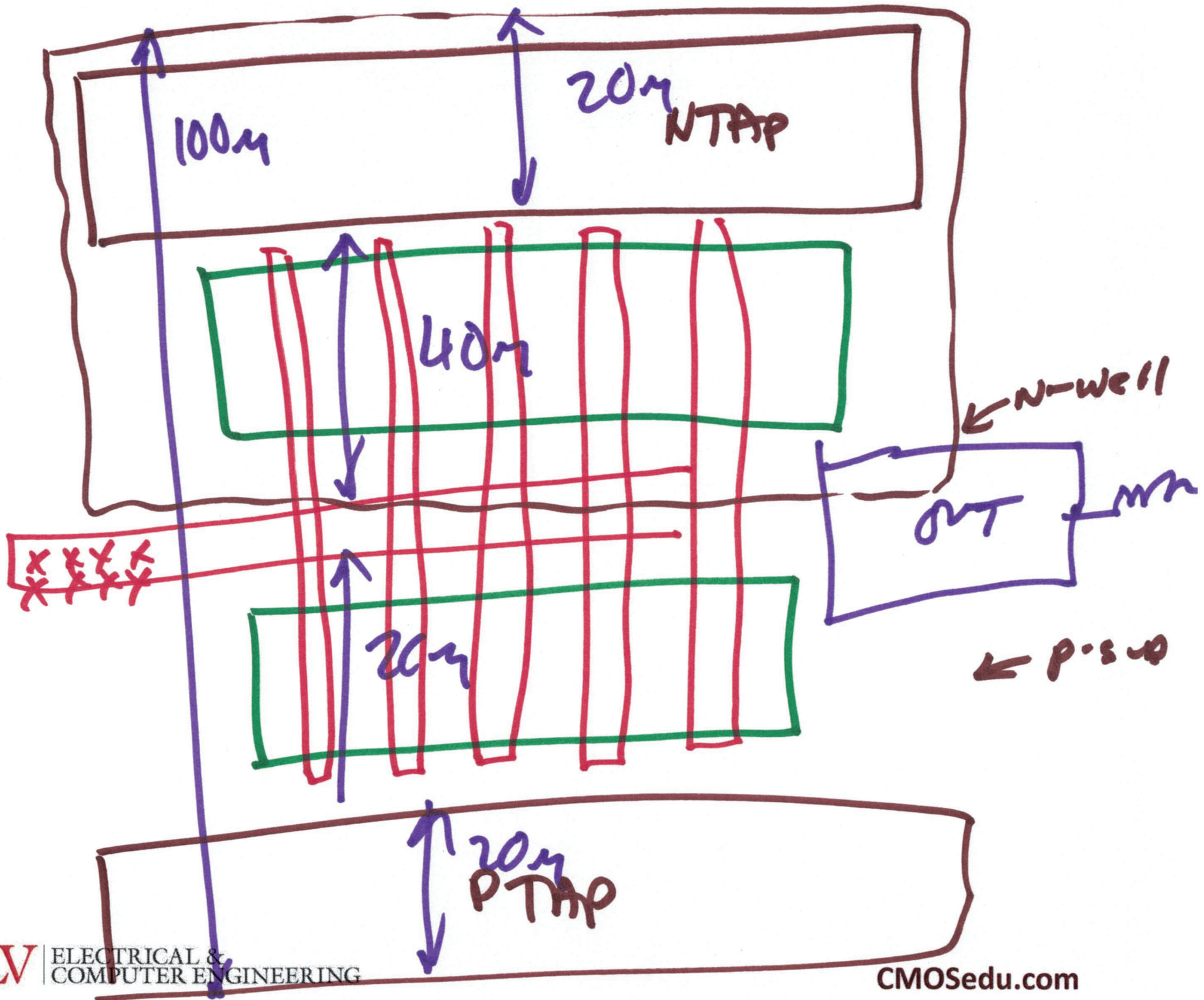




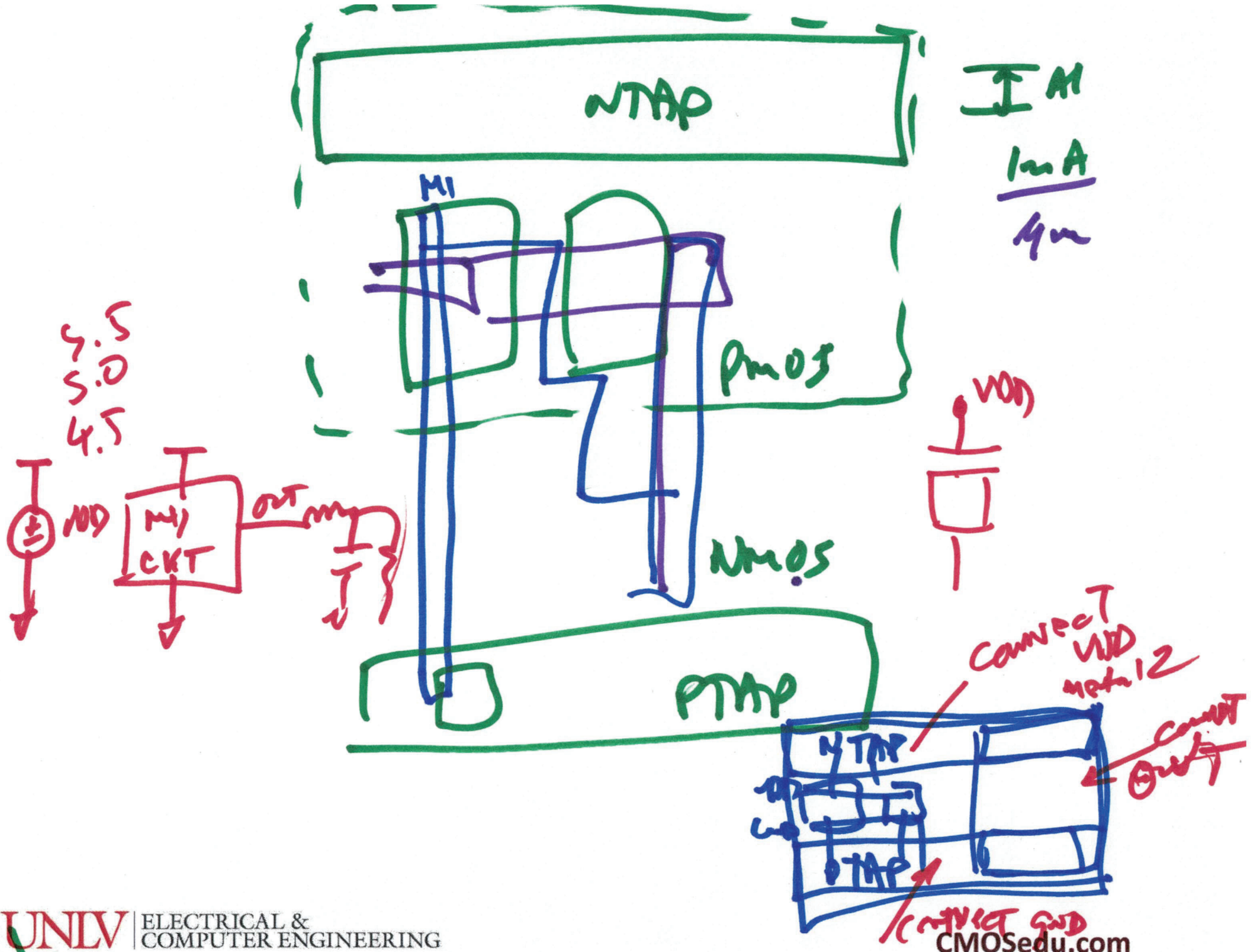
$$C_p(2V_{DD} - V_{DD}) + 0 \cdot C_L = V_f \cdot C_L + (V_f - V_{DD})C_p$$

$$\boxed{\frac{2V_{DD} \cdot C_p}{C_L + C_p} = V_f}$$





5)



6)