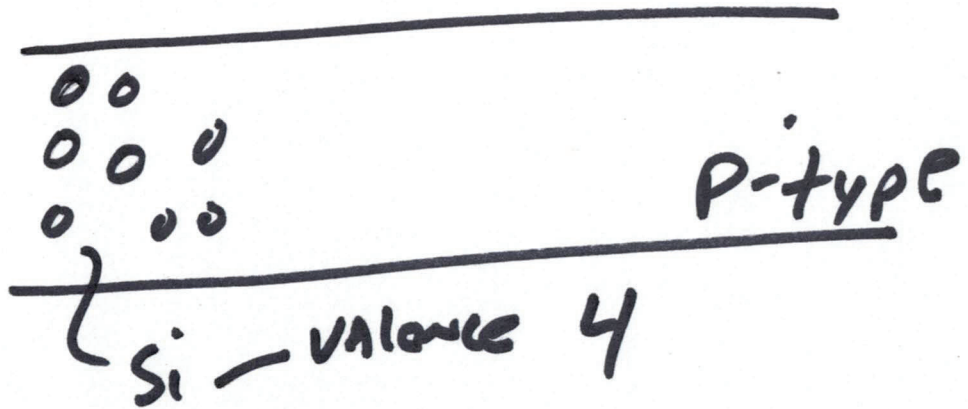
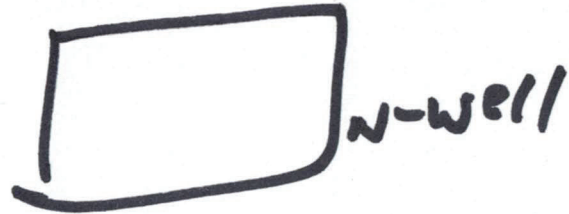
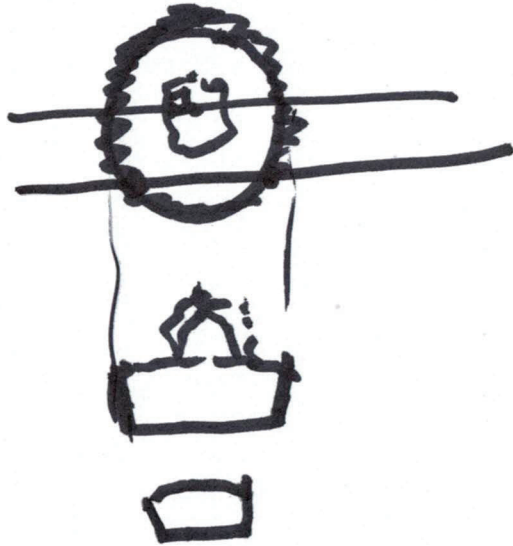


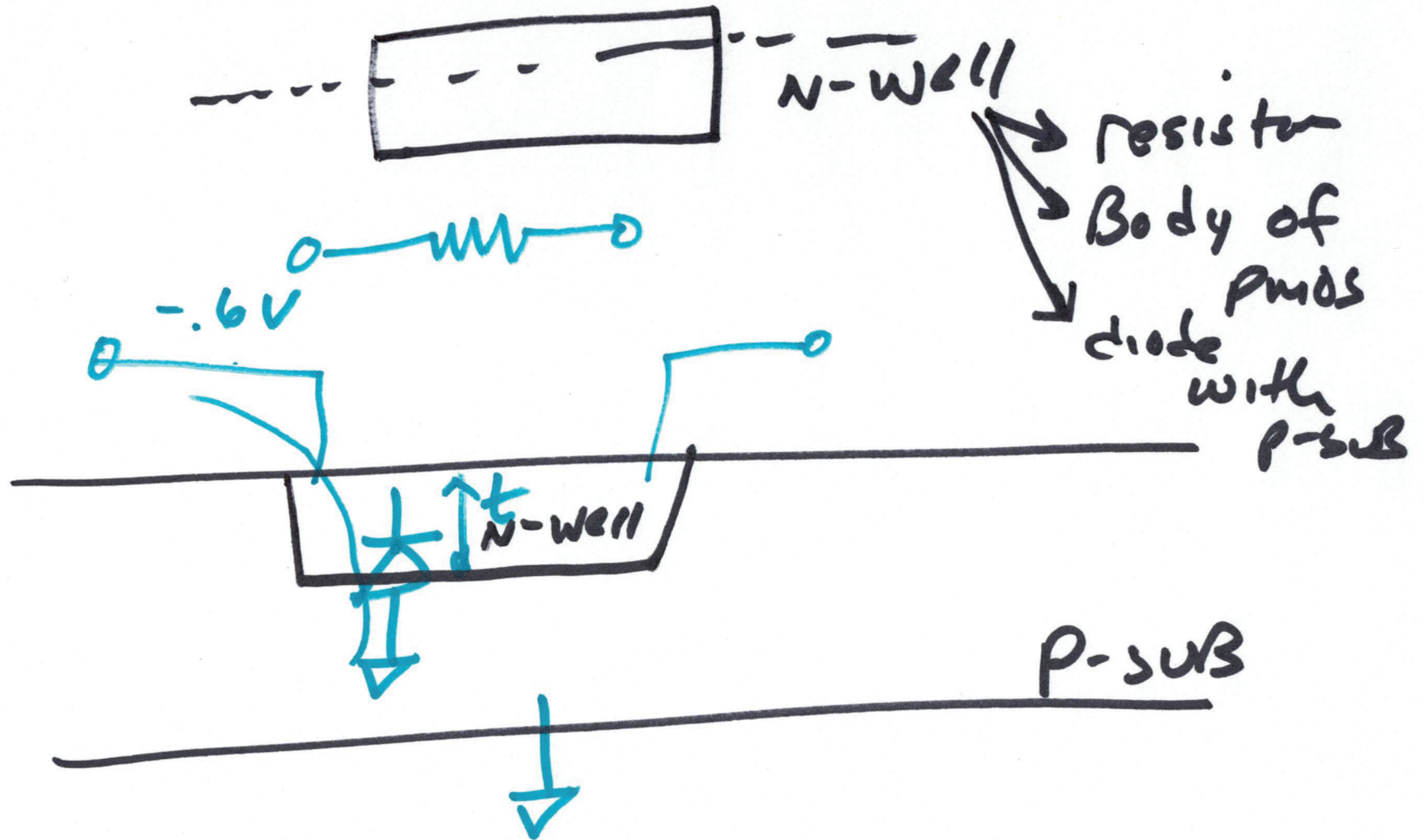
EE 421 / ELG 621

Digital IC Design

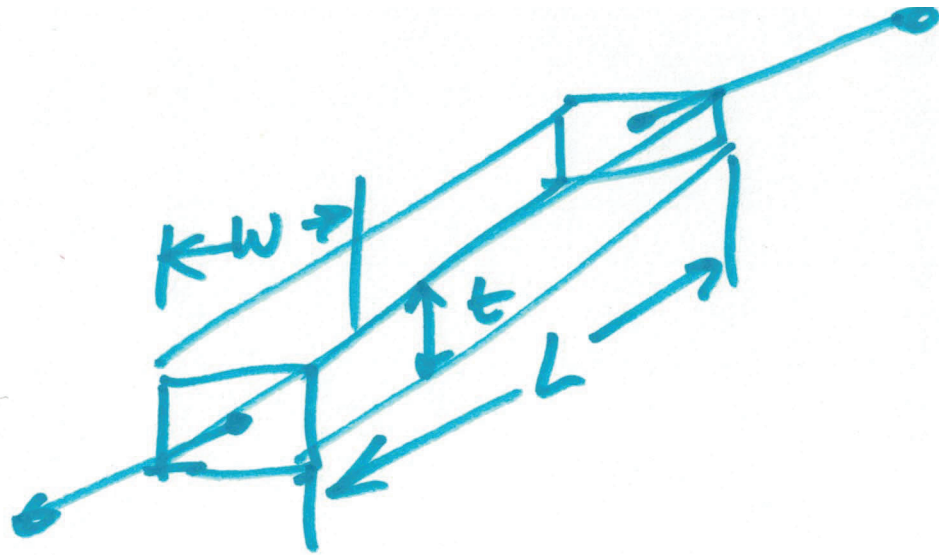
August 26, 2020

Lecture 2





2)



$\rho = \text{resistivity}$
 $\Omega\text{-cm}$

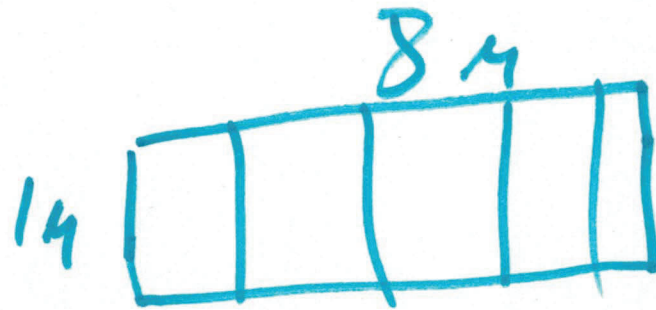
$$R = \frac{\rho \cdot L}{t \cdot w}$$

Sheet resistance

$$\frac{\Omega}{\square}$$

$$800 \frac{\Omega}{\square}$$

8k



3)