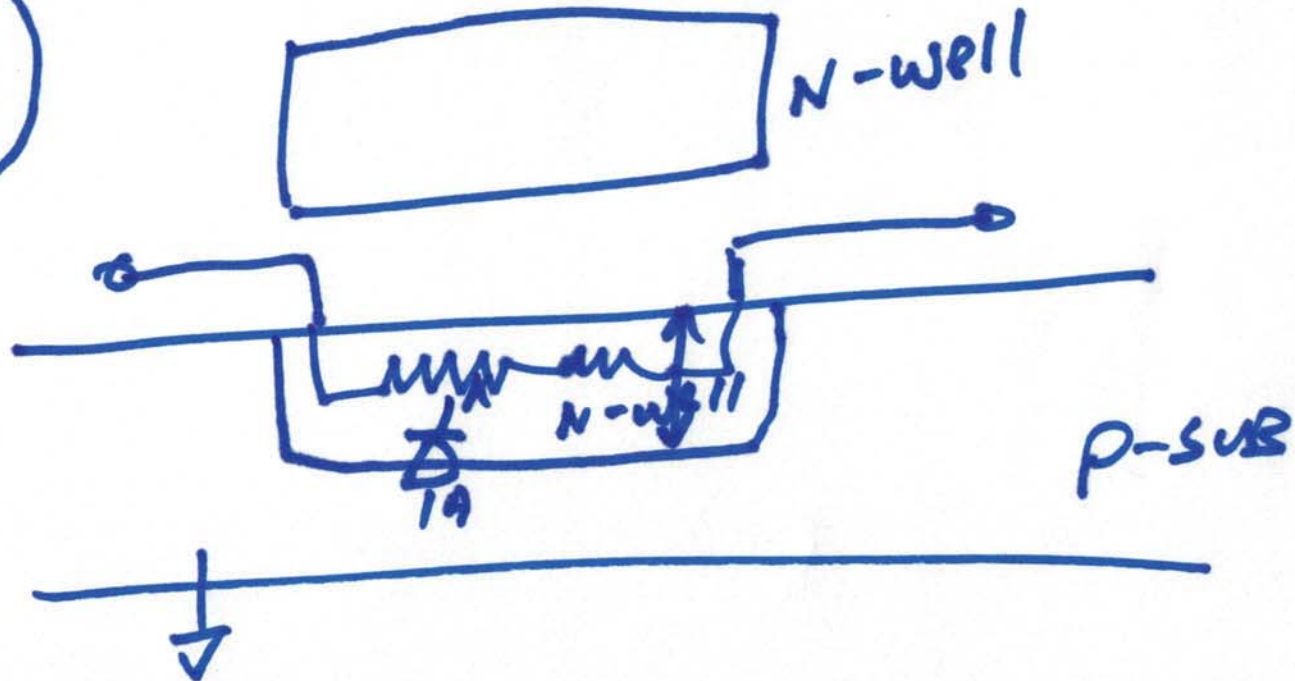
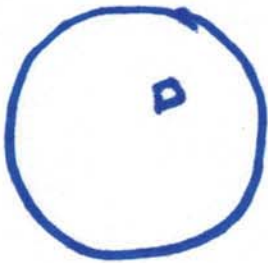


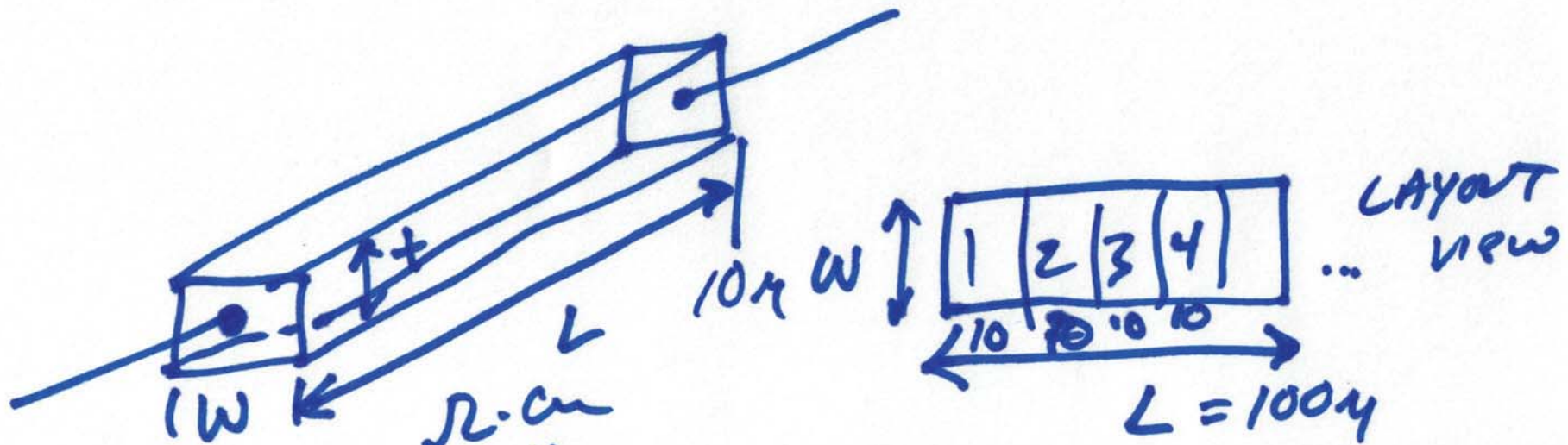
EE 421 / ECG 621

Digital IC Design

August 28, 2019

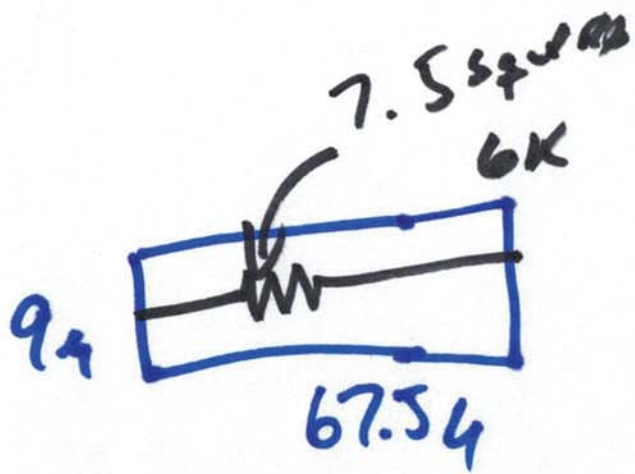
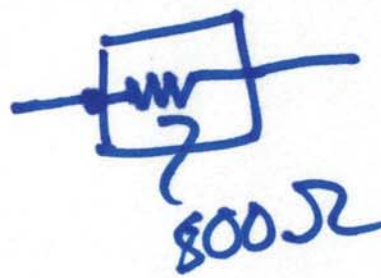
Lecture 2





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

Sheet Resistance, $\frac{\Omega}{\square}$



$$6k = \frac{L}{W} = 800$$

$$\frac{L}{W} = \frac{6,000}{800} = 7.5 \text{ square micrometers}$$

2)