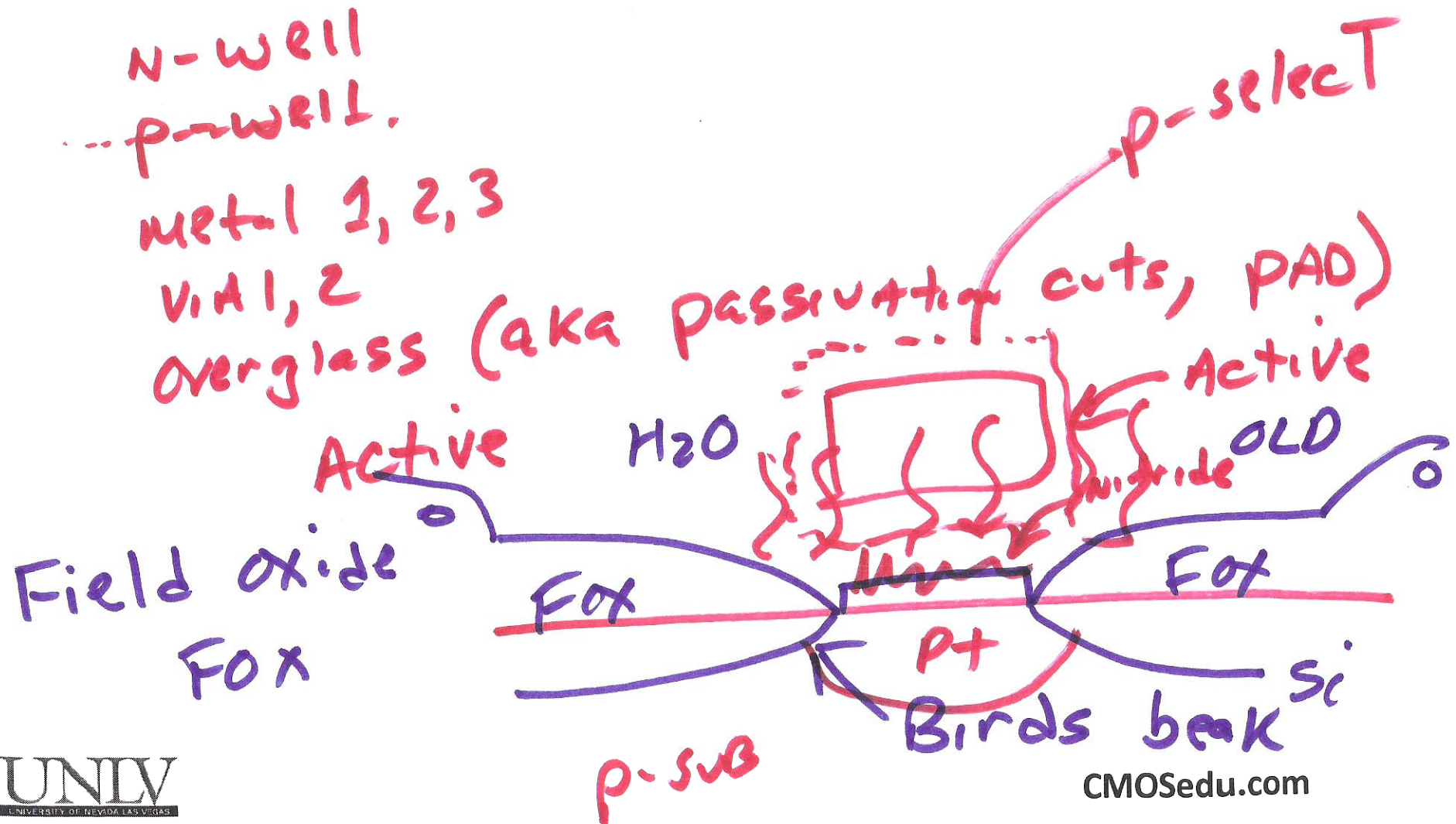
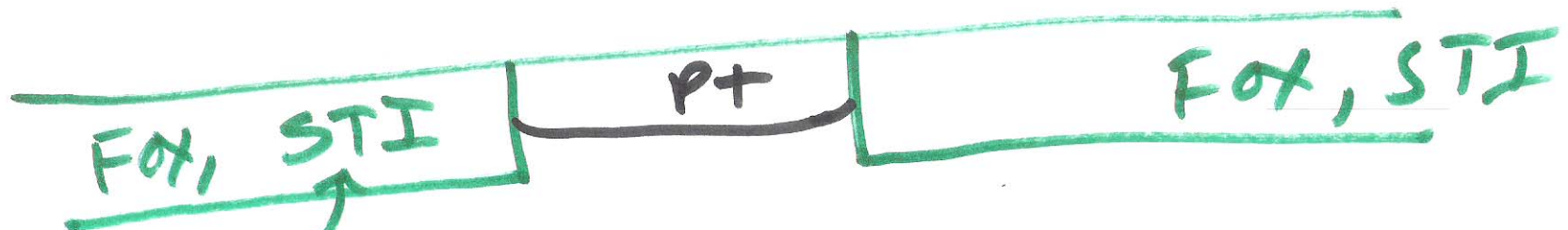
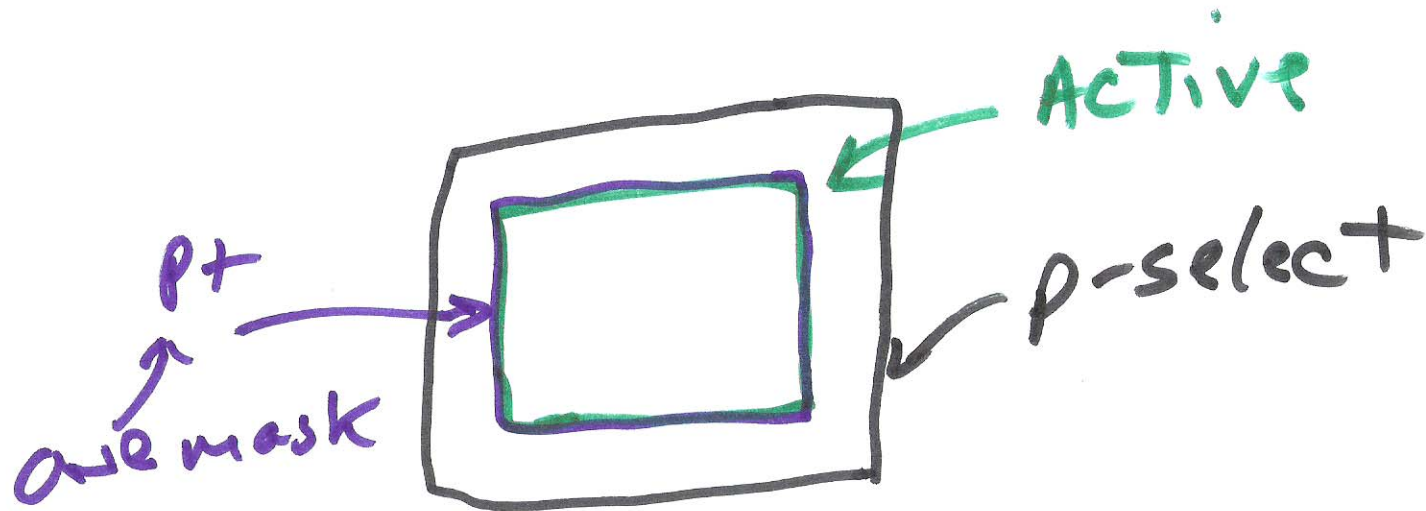


Lecture 7 EE421/ECG 621

Sept. 16, 2013

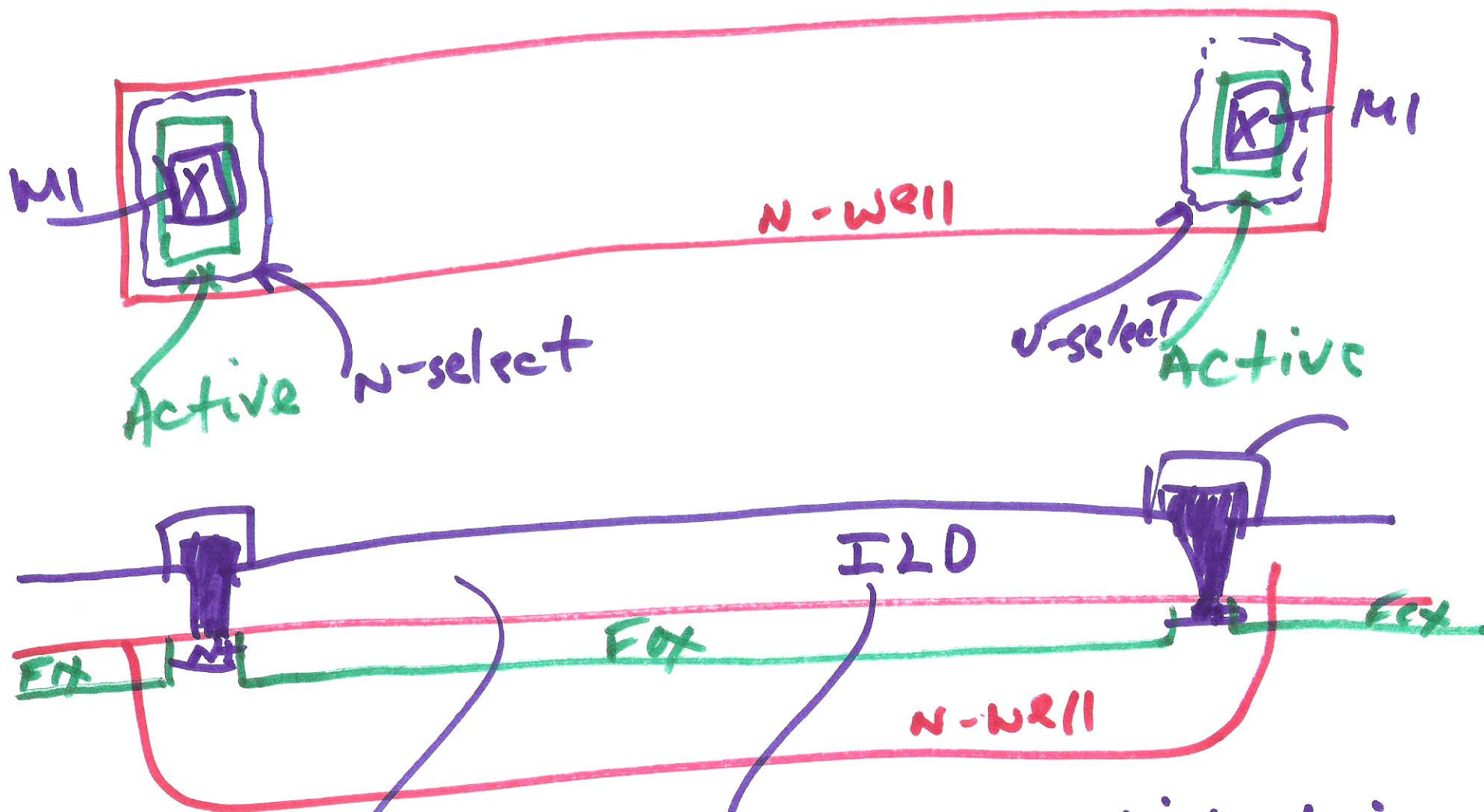




Shallow
trench
Isolation

Chemical
mechanical
polishing



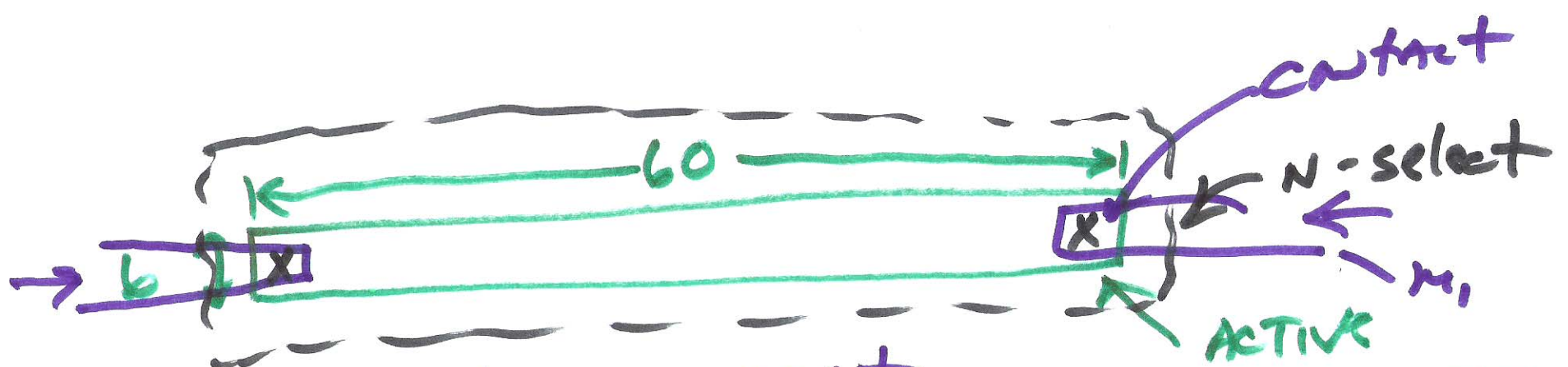


interlayer dielectric

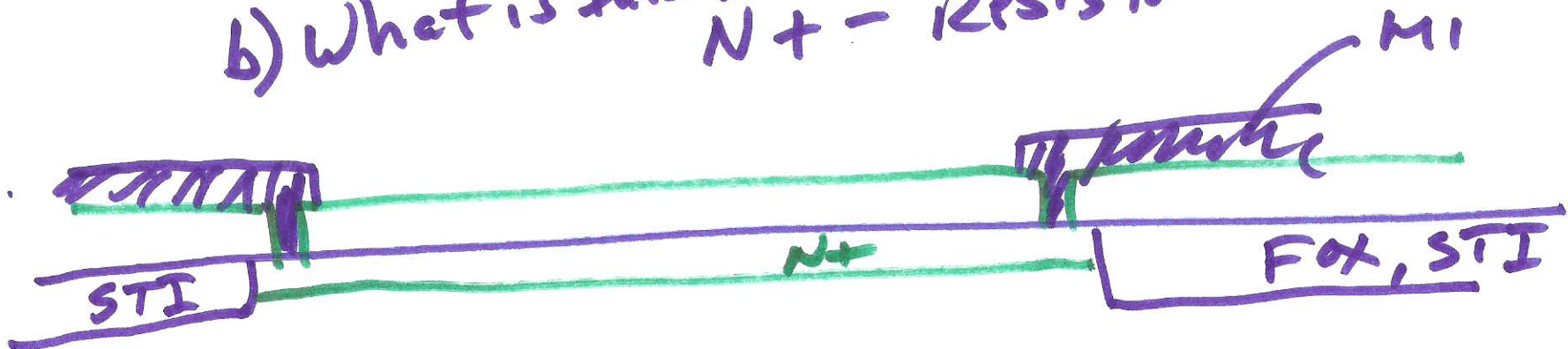
BPSG

boron-phosphorus-doped silica glass

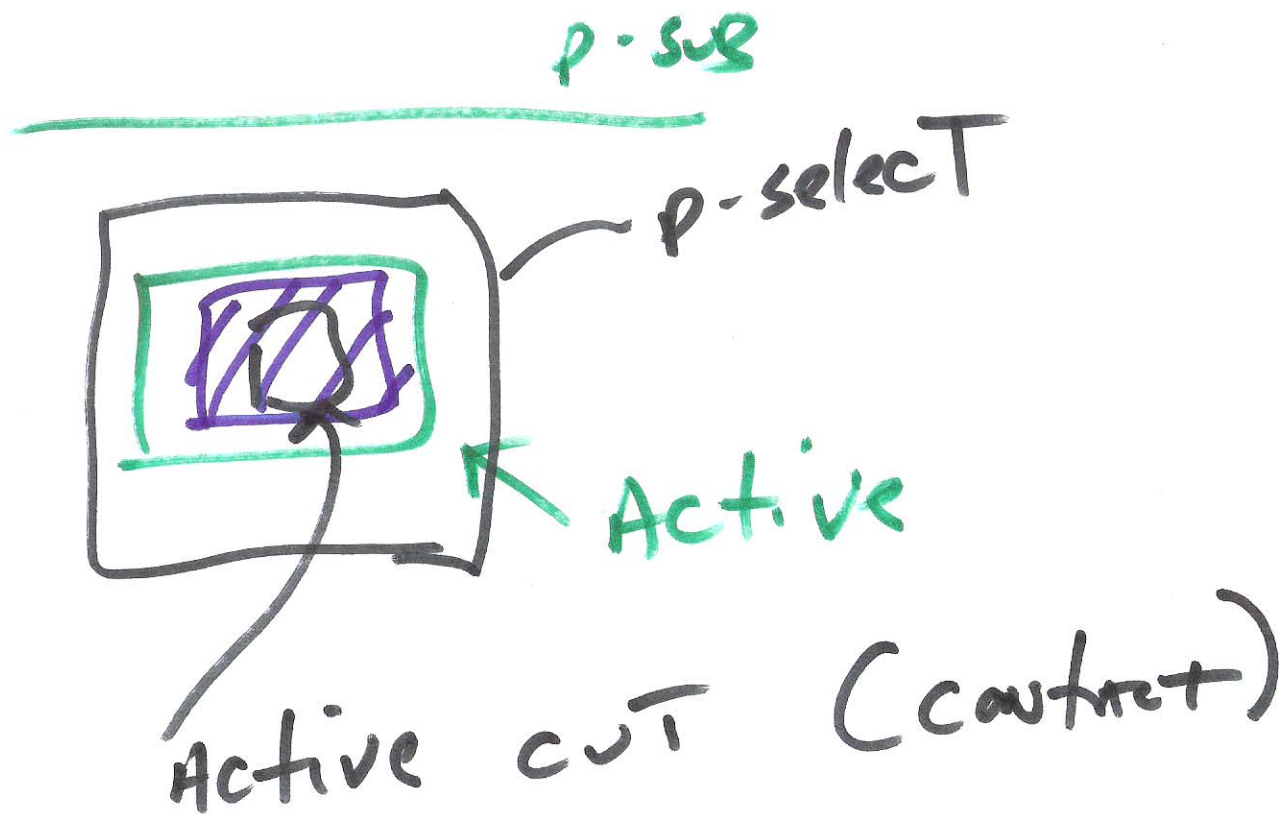
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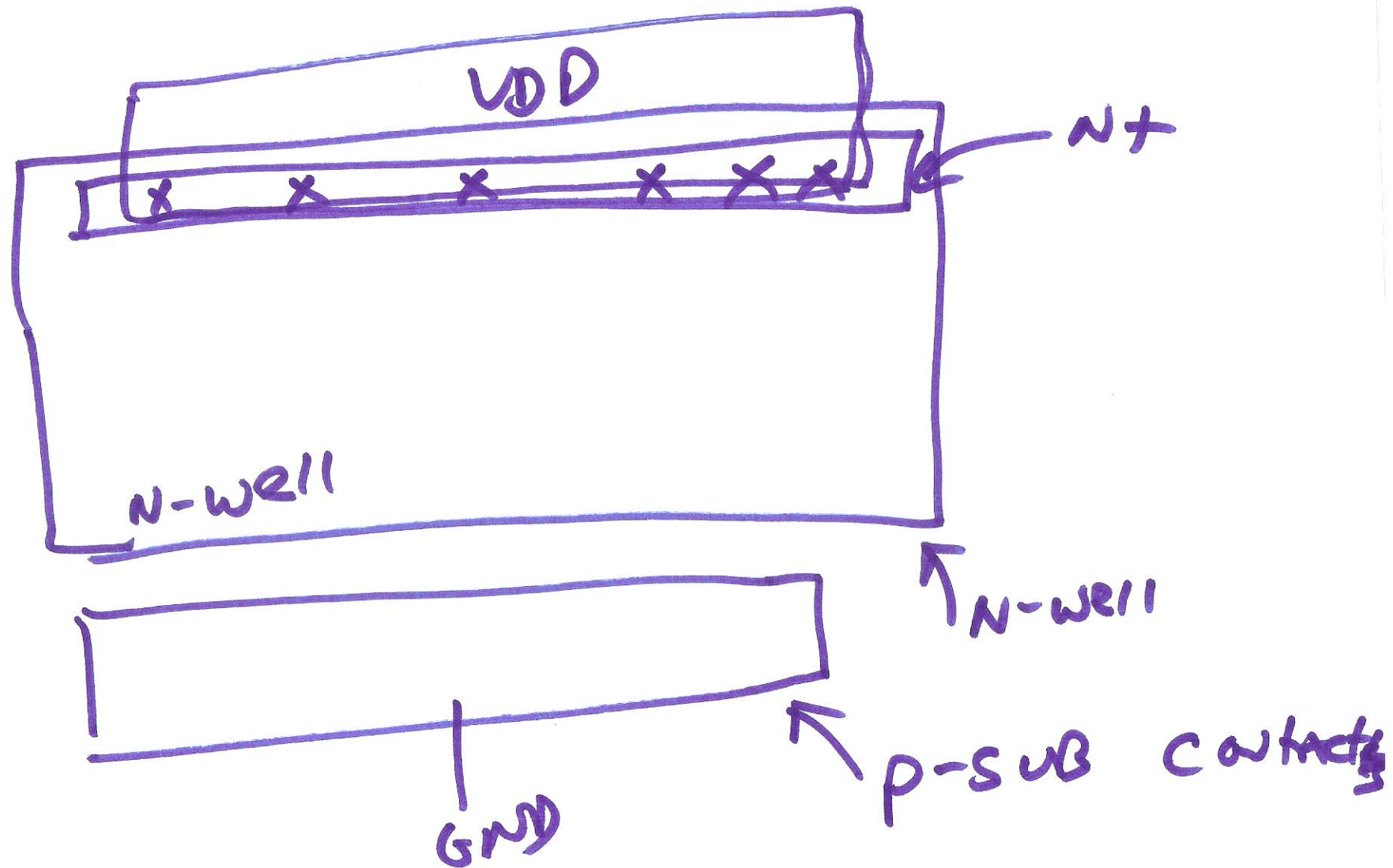
- a) sketch x-sect
- b) What is this? N+ - Resistor



- c) what is the R?
- $$R = \frac{60}{6} \cdot 81 = 810 \Omega$$



5)



6)