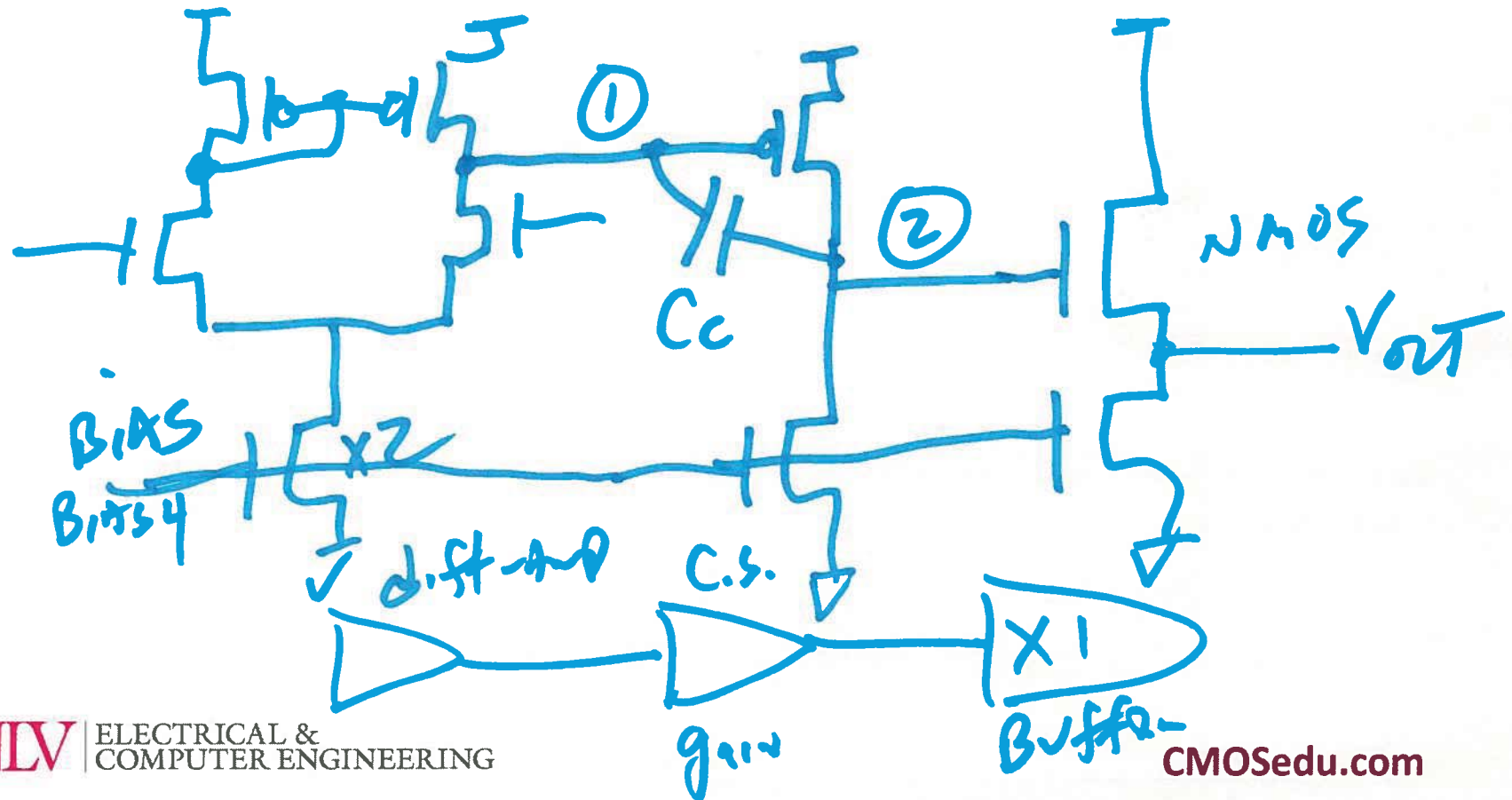
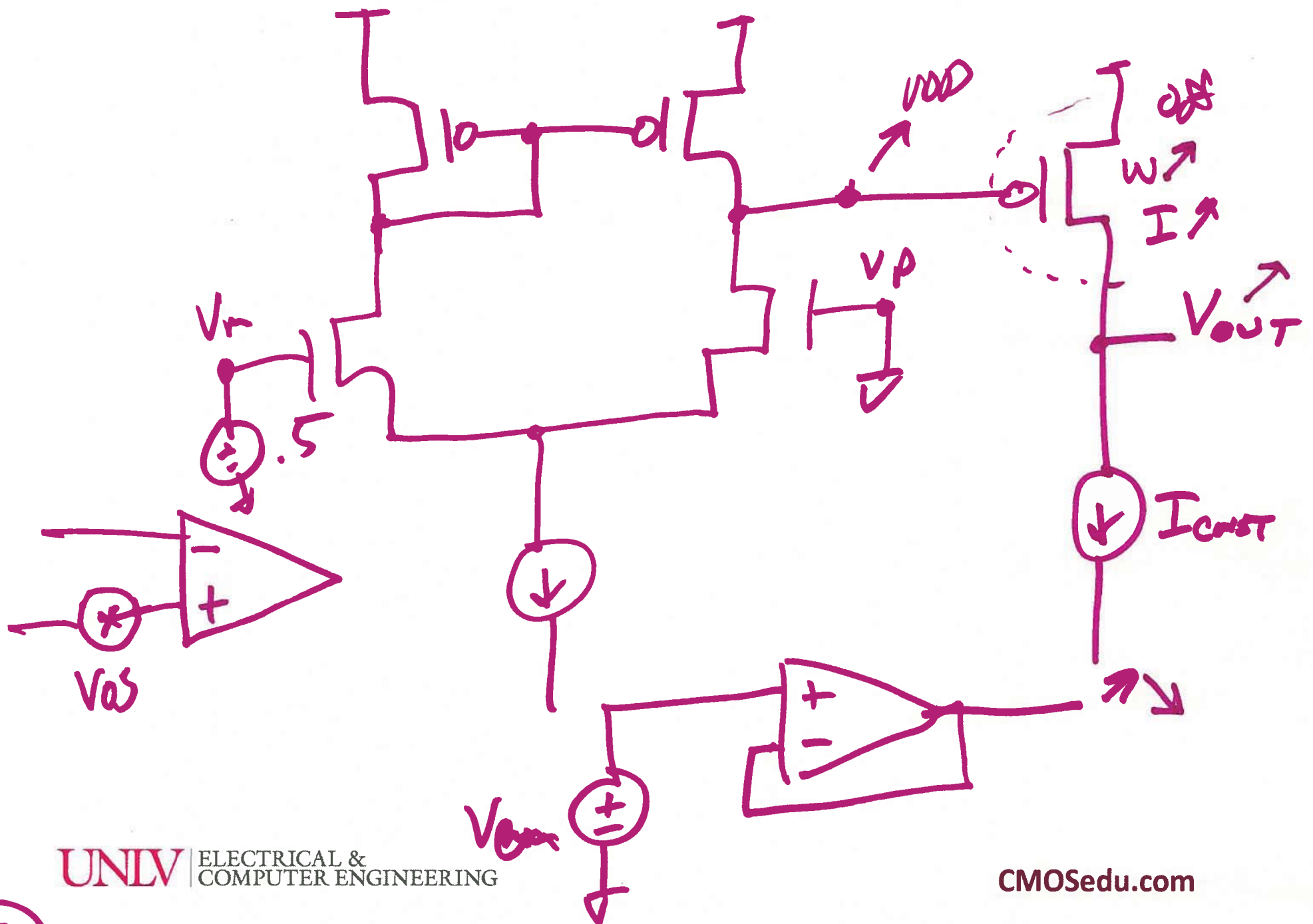


EE 420 / ECG 620

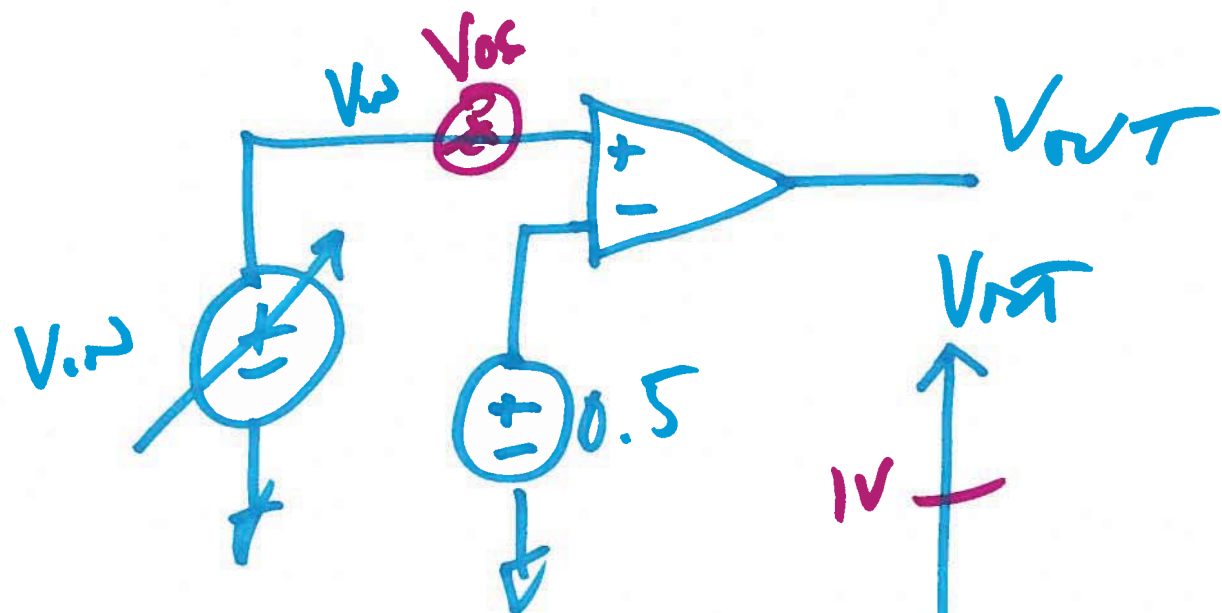
Lecture 23

April 14, 2016

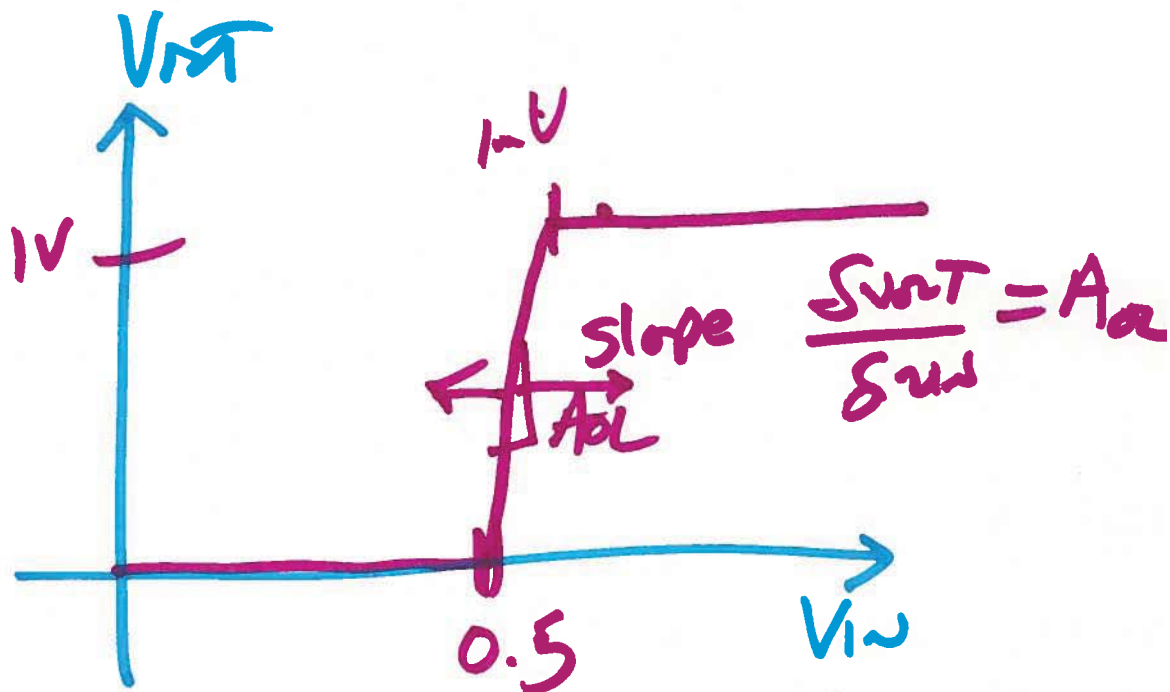




2)

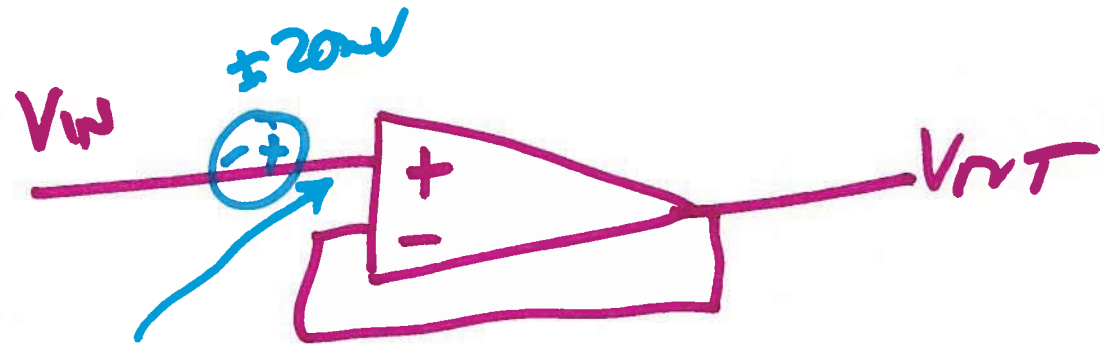


$$\frac{V_{out}}{V_{in}} = 1000$$



$$V_{OS} = \pm 20 \text{ mV}$$

Estimate V_{NT}



$$V_{NT} = \frac{-R_F}{R_i} \cdot V_i + V_{OS} \cdot \left(1 + \frac{R_F}{R_i}\right)$$

$$V_i \pm 20 \text{ mV} = V_{NT}$$

