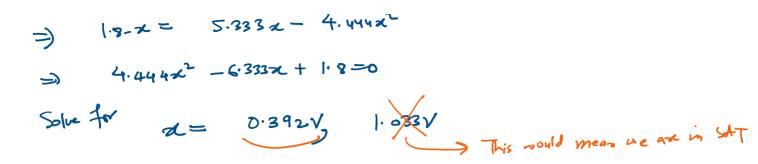
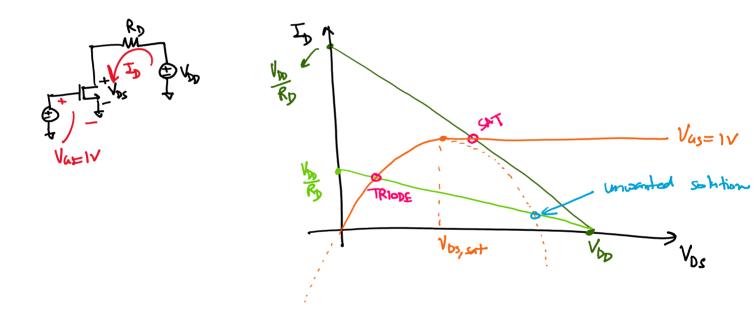
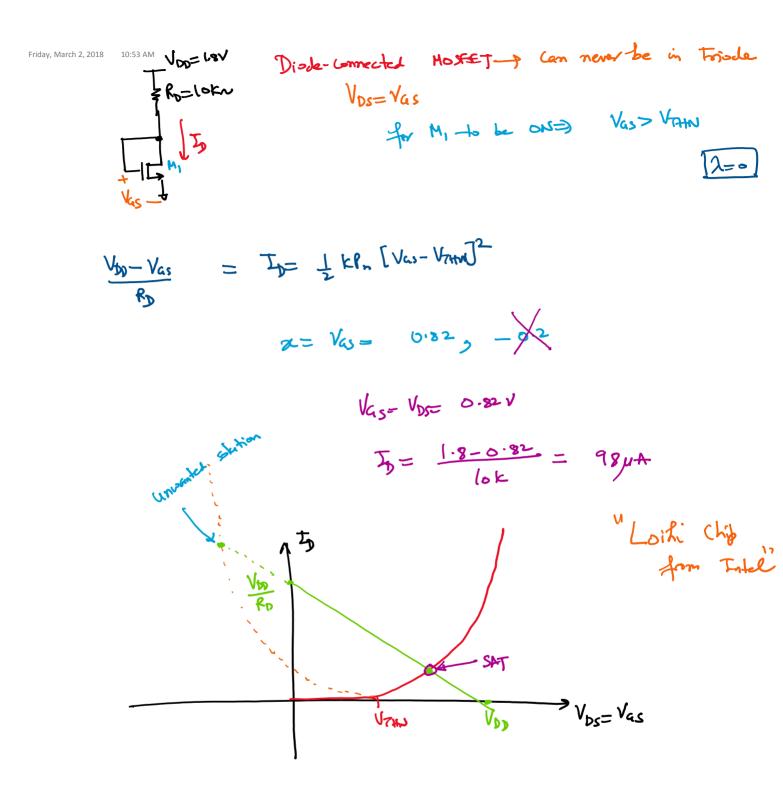
$$|.8 - x = | \cos \mu x \, 8k \, x \left(\frac{2}{018}\right) \left[ 0.6x - \frac{x^2}{2} \right]$$



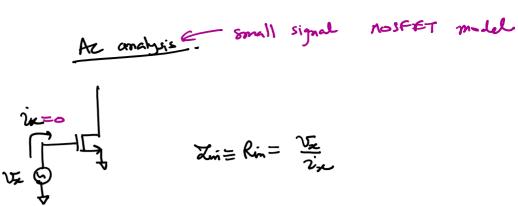
 $I_{p=} \frac{V_{pp} - V_{ps}}{R_{p}} = \frac{1.8 - 0.312}{8k} = 176\mu k$ 



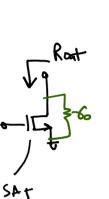


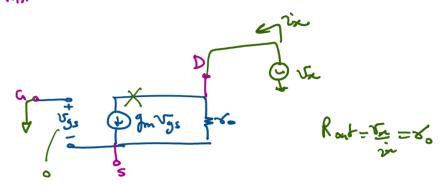
Friday, March 2, 2018 11:02 AM

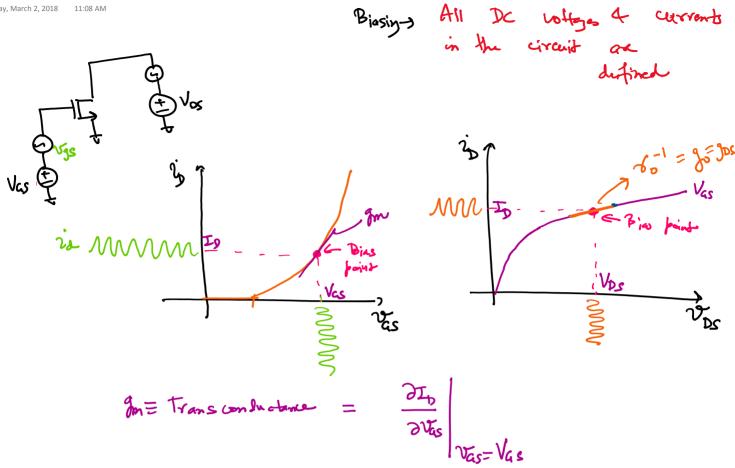
low-frequency



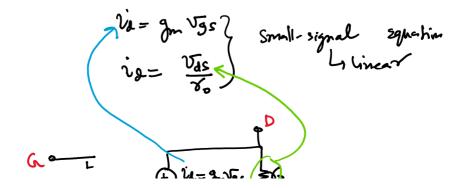




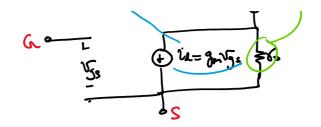


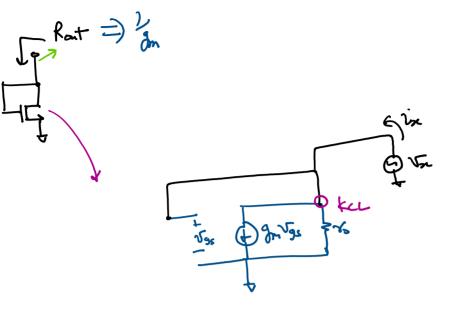


total 
$$V_{as} = V_{as} + V_{gs}$$
  
 $V_{DS} = V_{DS} + V_{ds}$   
 $\hat{v}_{b} = I_{b} + \hat{v}_{ds}$   
 $\mathcal{C}_{o} = \left(\frac{\partial I_{o}}{\partial V_{Ds}}\right)$   
 $V_{Js} = V_{Ds}$ 



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VJs=VI

$$\frac{1}{32} - \frac{1}{36} - \frac{1}{36} \sqrt{2} = 0$$

$$\frac{1}{36} - \frac{1}{36} \left( \frac{1}{36} + \frac{1}{36} \right)$$

$$R_{out} = \frac{1}{36} - \frac{1}{36} - \frac{1}{36} = \frac{1}{36} \left[ \left| \sqrt{3} - \frac{1}{36} - \frac{1}{36} \right| \right]$$

$$\frac{1}{36} - \frac{1}{36} - \frac{1}{36} = \frac{1}{36} \left[ \left| \sqrt{3} - \frac{1}{36} - \frac{1}{36} \right| \right]$$

$$\frac{1}{36} - \frac{1}{36} = \frac{1}{36} \left[ \left| \sqrt{3} - \frac{1}{36} \right| \right]$$