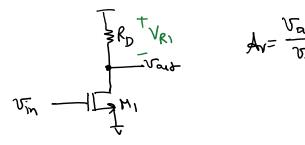
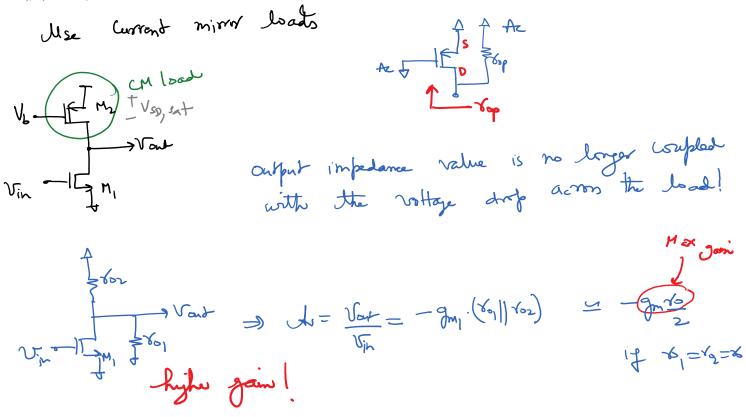
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Tuesday, September 25, 2018 10:58 AM

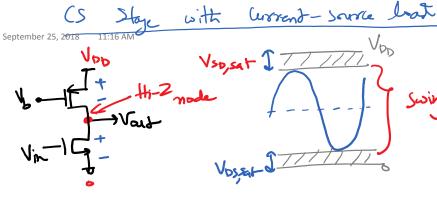


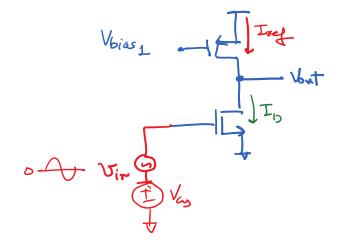
$$V = \frac{V_{ak}}{V_{ih}} = -\frac{q_{m_i}R_D}{\sqrt{2k\ell_m \frac{W}{L} \cdot I_b}} \cdot \frac{V_{R_D}}{\sqrt{I_D}}$$
$$= -\frac{\sqrt{2k\ell_m \frac{W}{L} \cdot I_b}}{\sqrt{2k\ell_m \frac{W}{L}} \cdot \frac{V_{R_D}}{\sqrt{I_D}}}$$

Tuesday, September 25, 2018 11:11 AM



CS Have with Tuesday, September 25, 2018 11:16 AM Workend-source bot artbut swins !

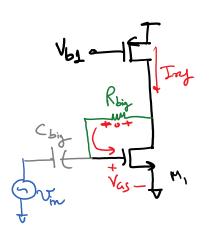


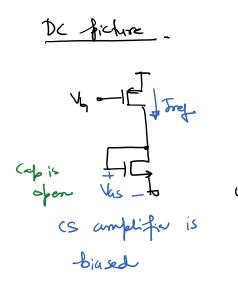


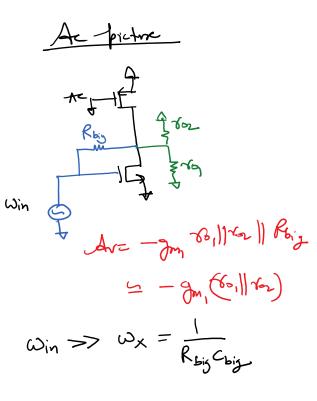
Two currient services trying to set drain bias level

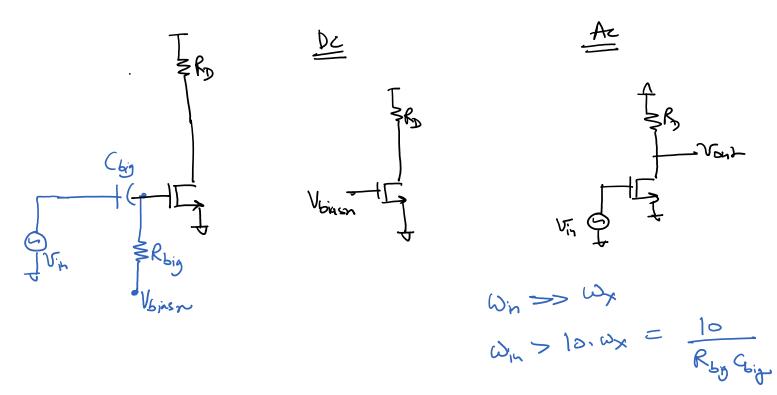
Need to bias the CS Stay_

Tuesday, September 25, 2018 11:21 AM

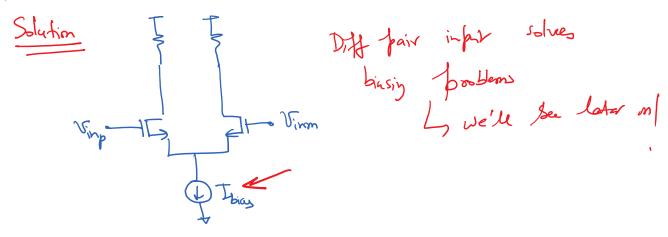


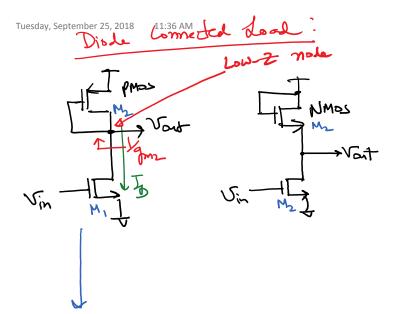


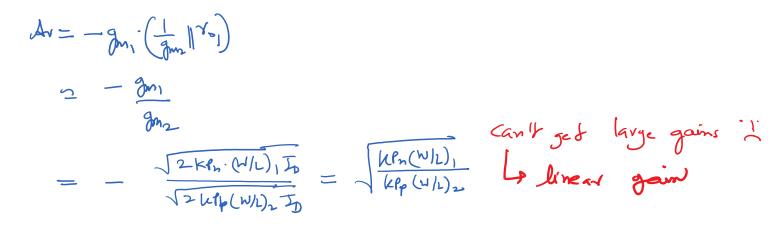




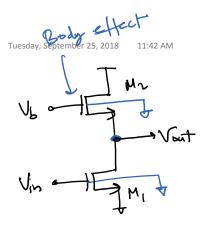
Tuesday, September 25, 2018 11:30 AM

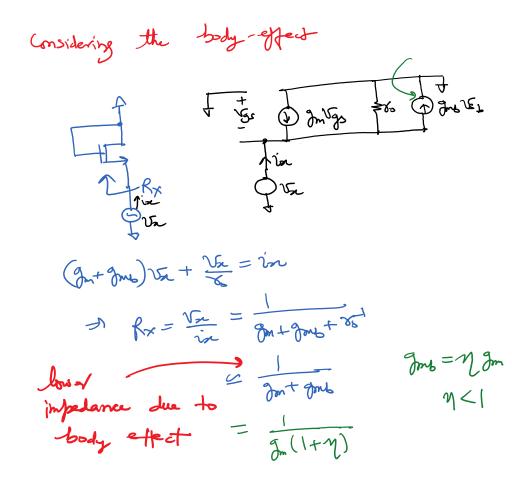












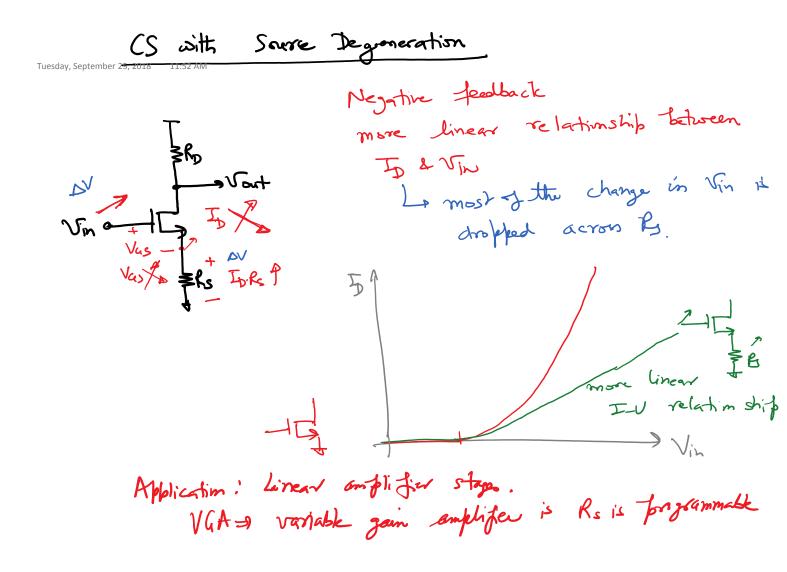
$$A_{V} = -g_{m_{1}} \cdot \frac{1}{g_{m_{2}} + g_{m_{2}}}$$

$$= -\frac{g_{M_{1}}}{g_{m_{1}}} \cdot \frac{1}{1 + \chi}$$

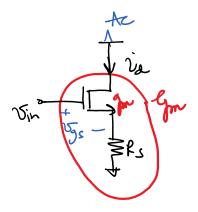
$$= -\sqrt{\frac{(\omega/L)_{1}}{\omega/L}} \cdot \frac{1}{1 + \chi}$$
Averagination for the back-effect

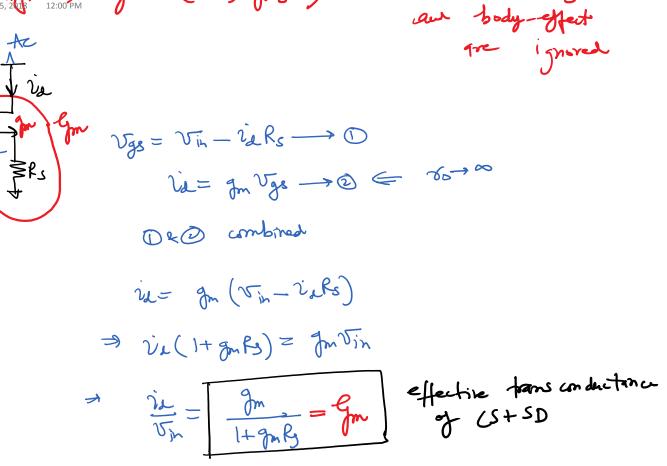
Triode MosfET as bad Vot fride Vot fr

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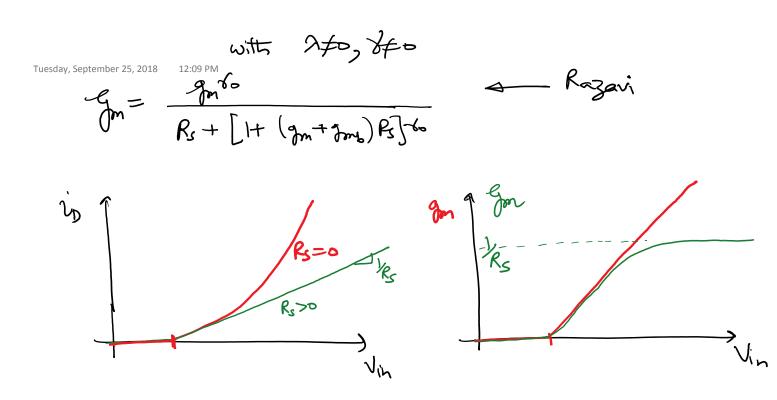


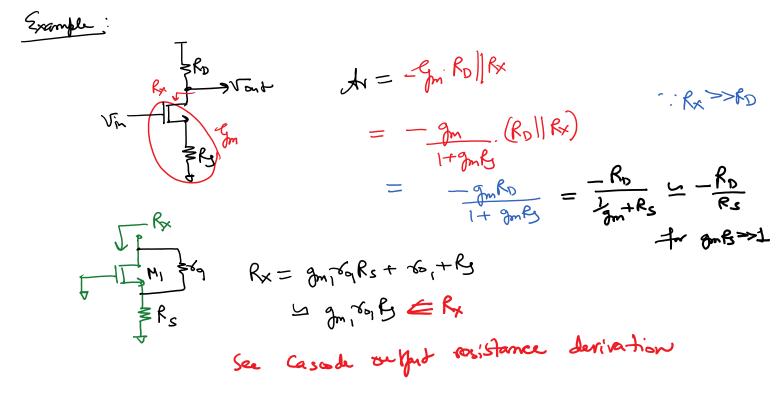
Tuesday, September 15, 2018 12:00 PM

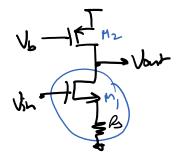




channel length more







 $V_{b} - | \underbrace{F}_{n_{2}}^{n_{2}} V_{but} \qquad A_{r} = - \underbrace{g_{m}}_{m_{1}} \underbrace{\delta_{2}}_{l} \left[(\underbrace{g_{m_{1}}}_{m_{1}} \underbrace{s_{5}}_{l} \underbrace{R_{5}}) \stackrel{\sim}{=} - \underbrace{g_{m}}_{l+g_{0}} \underbrace{R_{5}}_{l+g_{0}} \underbrace{R_{5}}_{l+g_{0}} \stackrel{\sim}{=} - \underbrace{g_{m}}_{l+g_{0}} \underbrace{R_{5}}_{l+g_{0}} \underbrace{R_{5}}_{l+g_{0}} \stackrel{\sim}{=} - \underbrace{g_{m}}_{l+g_{0}} \underbrace{R_{5}}_{l+g_{0}} \underbrace{R_{5}}_{l+g_{0}} \stackrel{\sim}{=} - \underbrace{g_{m}}_{l+g_{0}} \underbrace{R_{5}}_{l+g_{0}} \stackrel{\sim}{=} - - \underbrace{R_{5}}_{l+g_{0}} \stackrel{\sim}{=} - \underbrace{R_{5}}_{l+g_{$