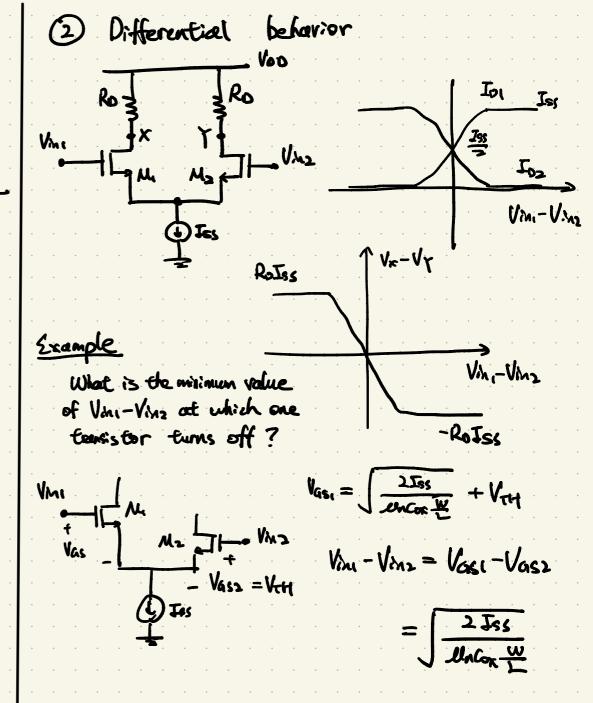
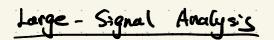


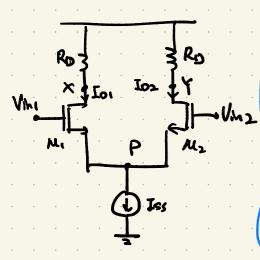
The equilibrium overdrive voltage:
$$V_{GS1} - V_{TH} = \sqrt{\frac{I_{SS}}{u_n Con \frac{w}{L}}}$$

· If Vomm changes, what quantities in the corocit change?

Nothing changes







$$V_{in_1}-V_{in_2} = \int_{\frac{2\Gamma_{01}}{2J_{n}l_{0x}}}^{\frac{2\Gamma_{01}}{2J_{n}l_{0x}}} + V_{\tau H}$$

$$-\left(\int_{\frac{2\Gamma_{02}}{2J_{n}l_{0x}}}^{\frac{2\Gamma_{02}}{2J_{n}l_{0x}}} + V_{\tau H}\right)$$

$$V_{x}-V_{y}=-R_{o}\left(J_{o_{1}}-I_{o_{2}}\right)$$

$$(V_{M_1}-V_{M_2})^2-\frac{2J_{CS}}{U_{COK}}=-4$$

## Observations

