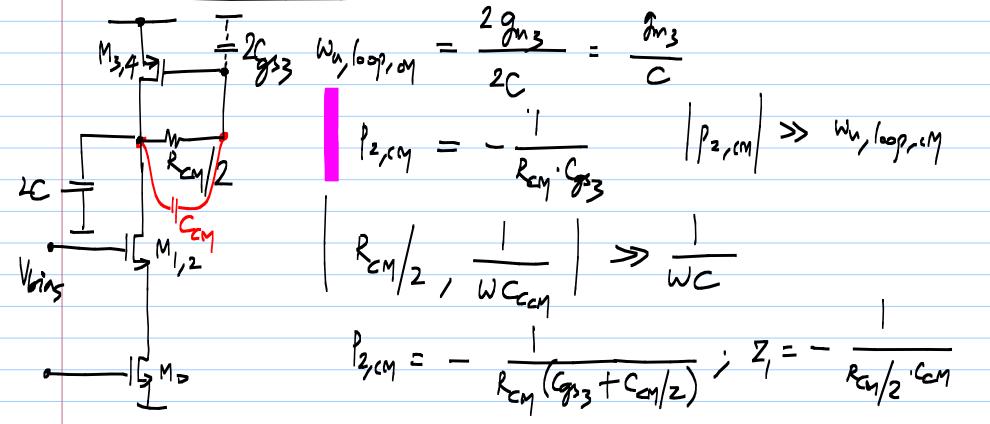
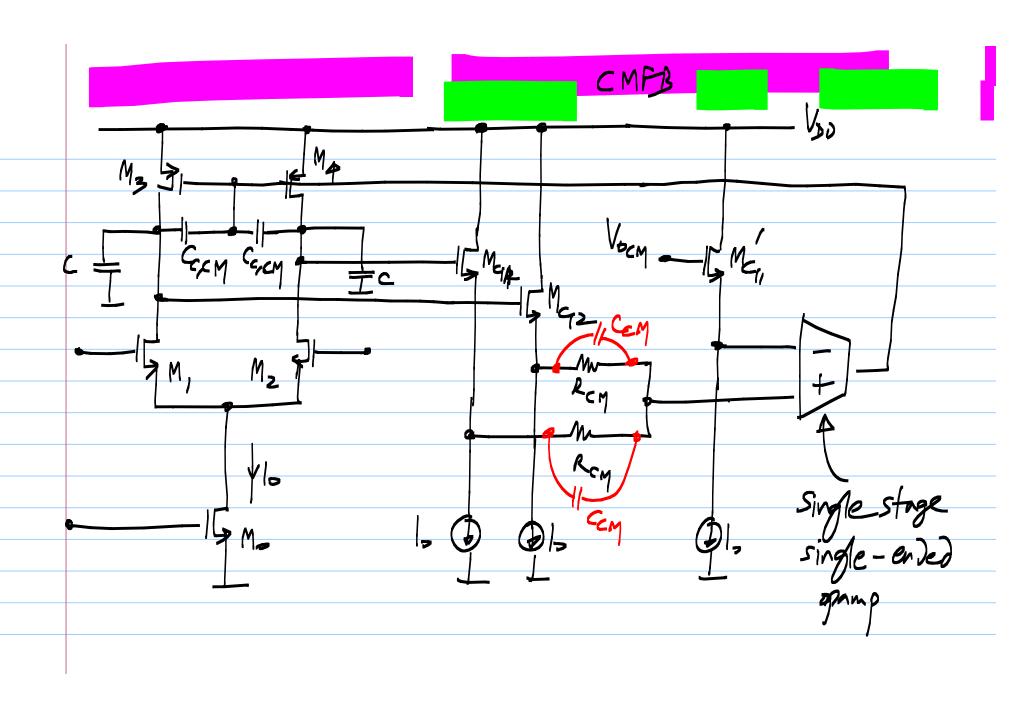
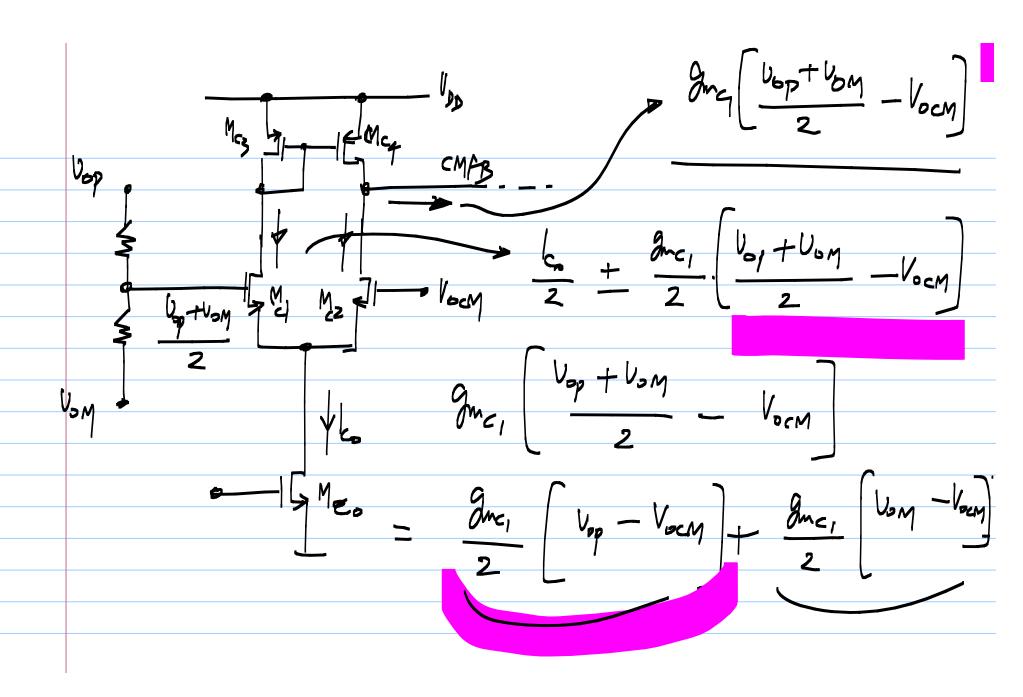
G Mo

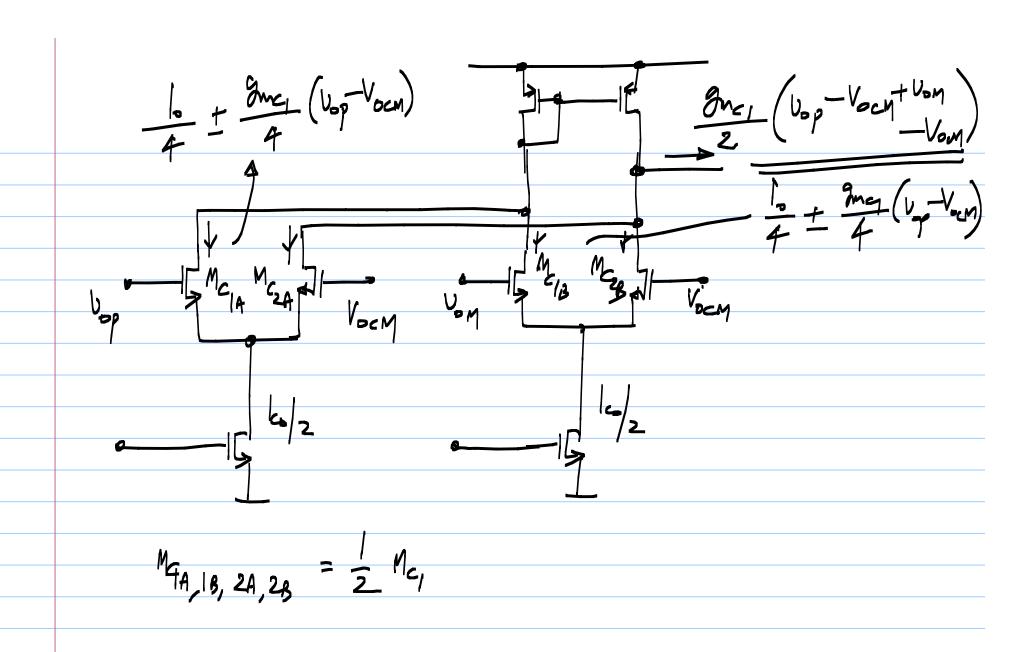
$$\frac{7}{V_{0S}} = \frac{7}{V_{12}} + \frac{2}{V_{134}} \left(\frac{g_{m_3}}{g_{m_1}}\right)^2 \qquad \begin{cases} \text{Neglecting} \\ \text{Reg} \\ \text{Mismatch} \end{cases}$$

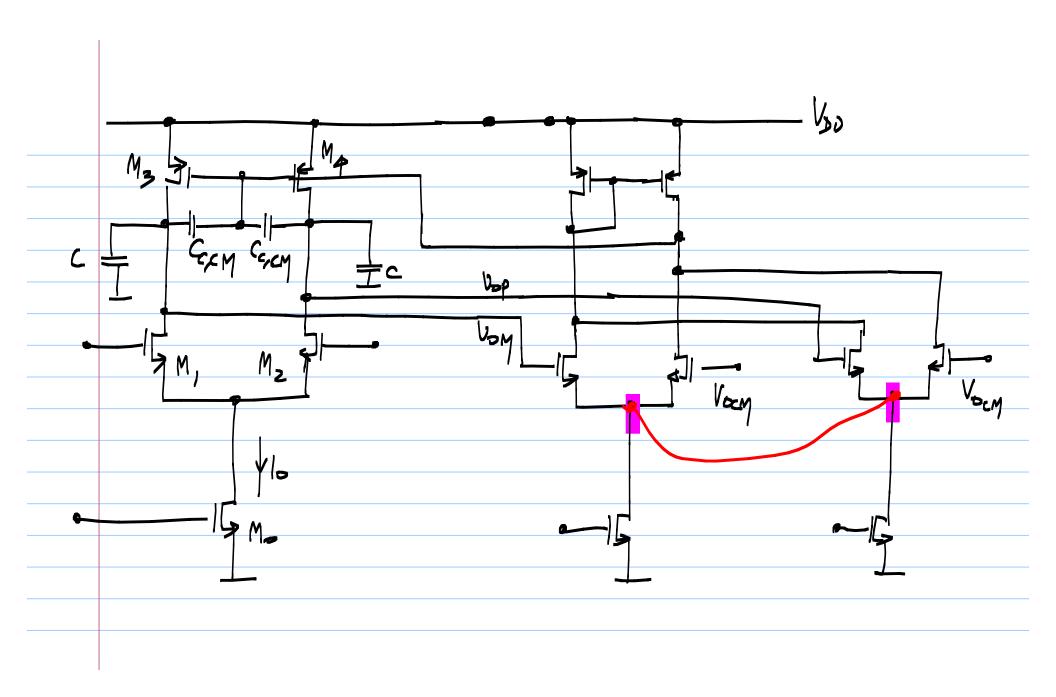
$$\frac{2}{g_{m_2}} = \frac{3}{g_{m_3}} + \frac{3}{g_{m_3}} = \frac{3}{g_{m_3}}$$

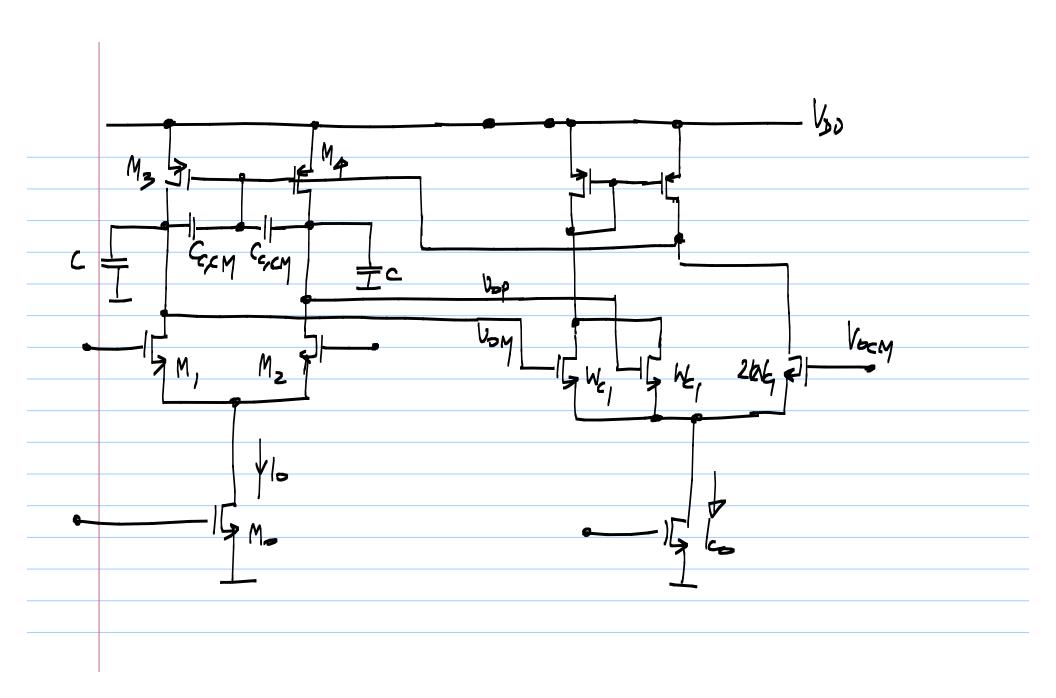


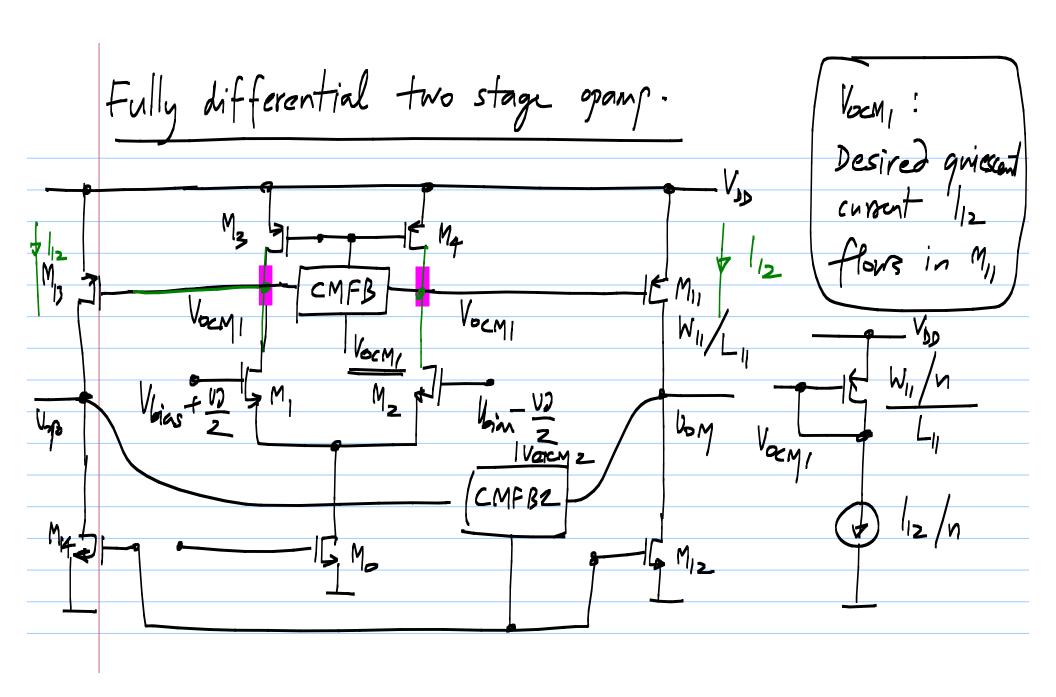


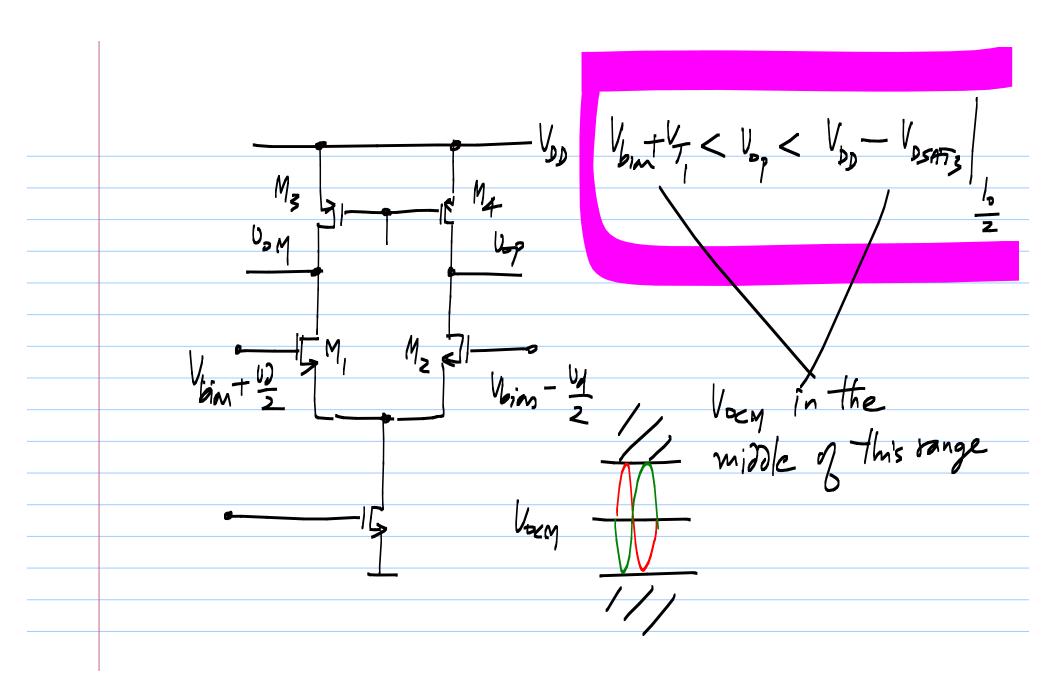


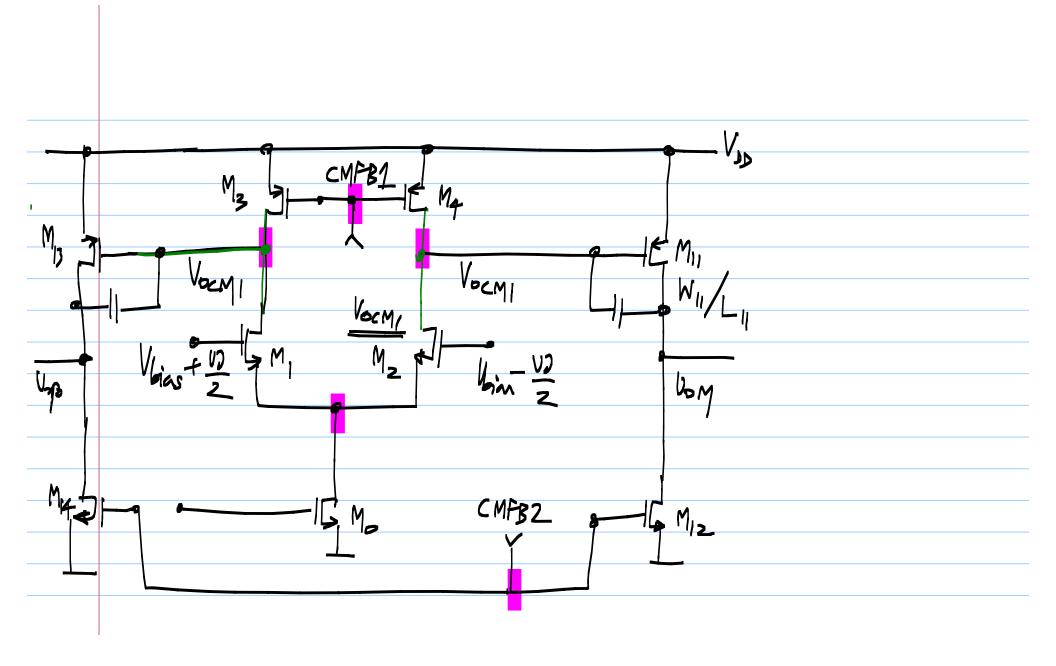


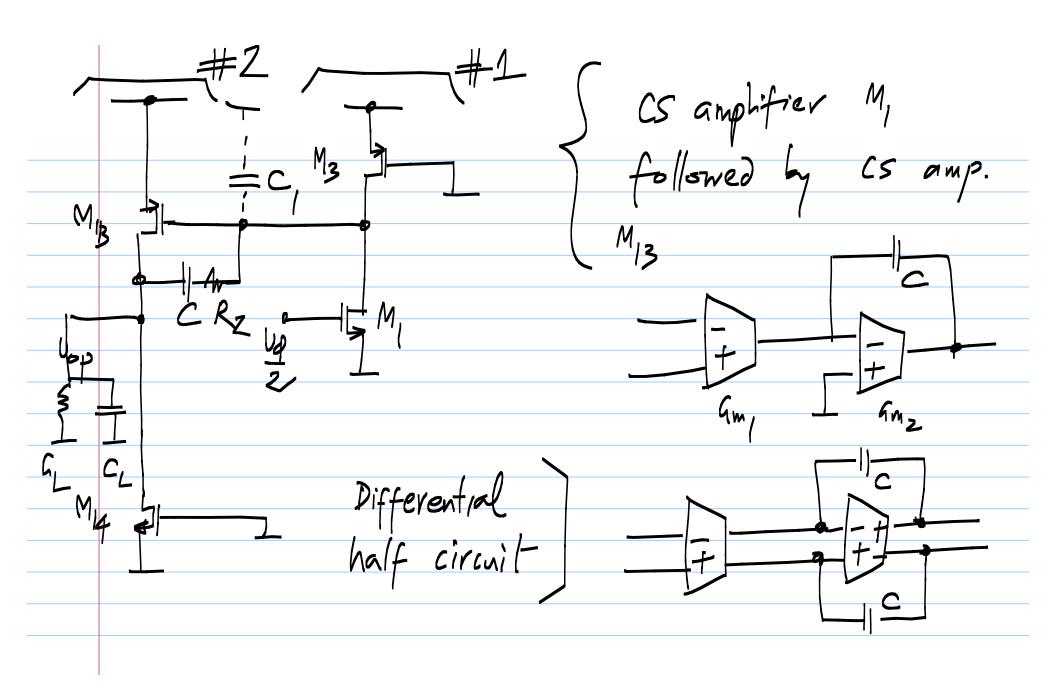












$$Az = \frac{3m_1}{3^3s_1} + 3^3s_3 + 3^3s_{13} + 3^3s_{14} + 6L$$

$$W_U = \frac{3m_1}{C}$$

$$P_2 = \frac{3m_3}{C + C_1} + \frac{C_L}{C + C_1}$$

$$Z_1 = \frac{3m_{13}}{C} \qquad \Rightarrow cancelled using k_2$$