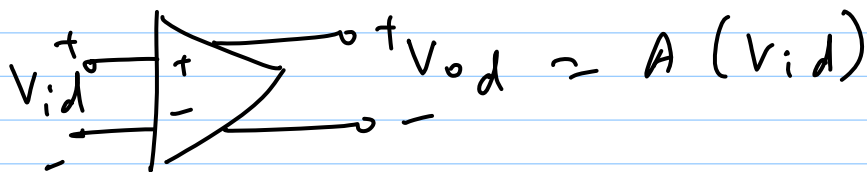
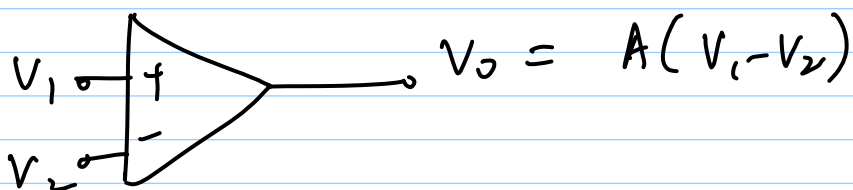
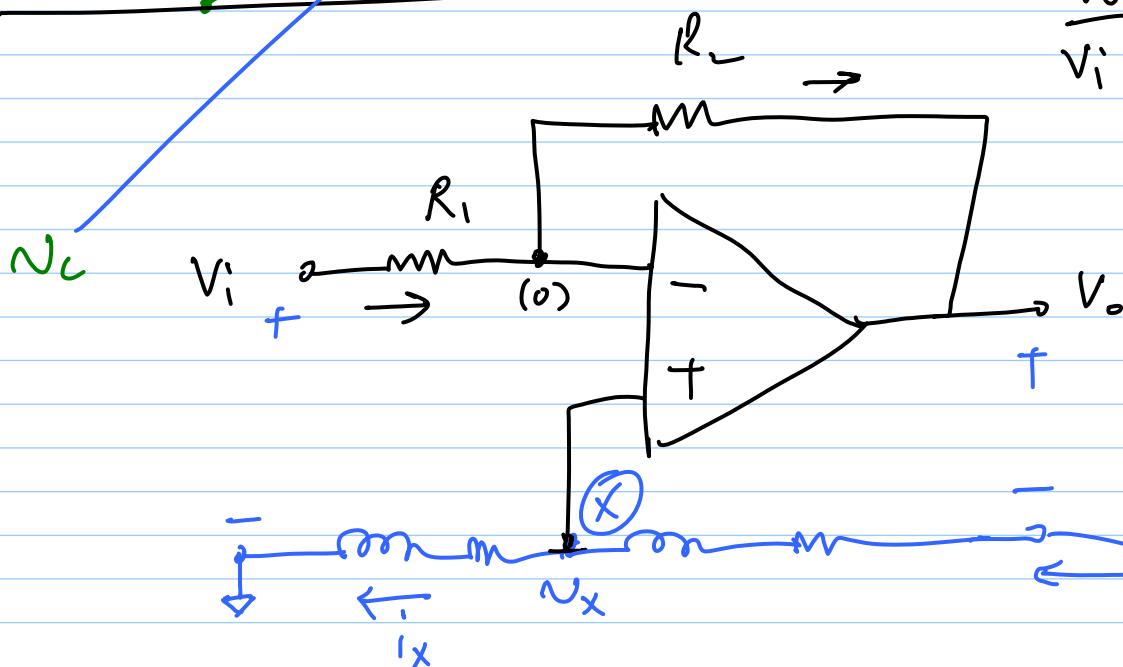


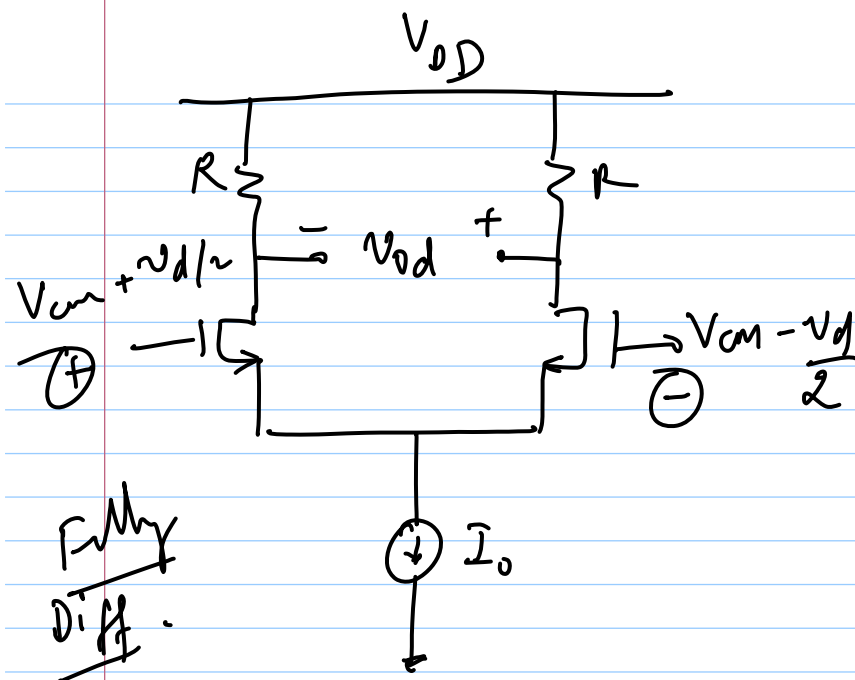
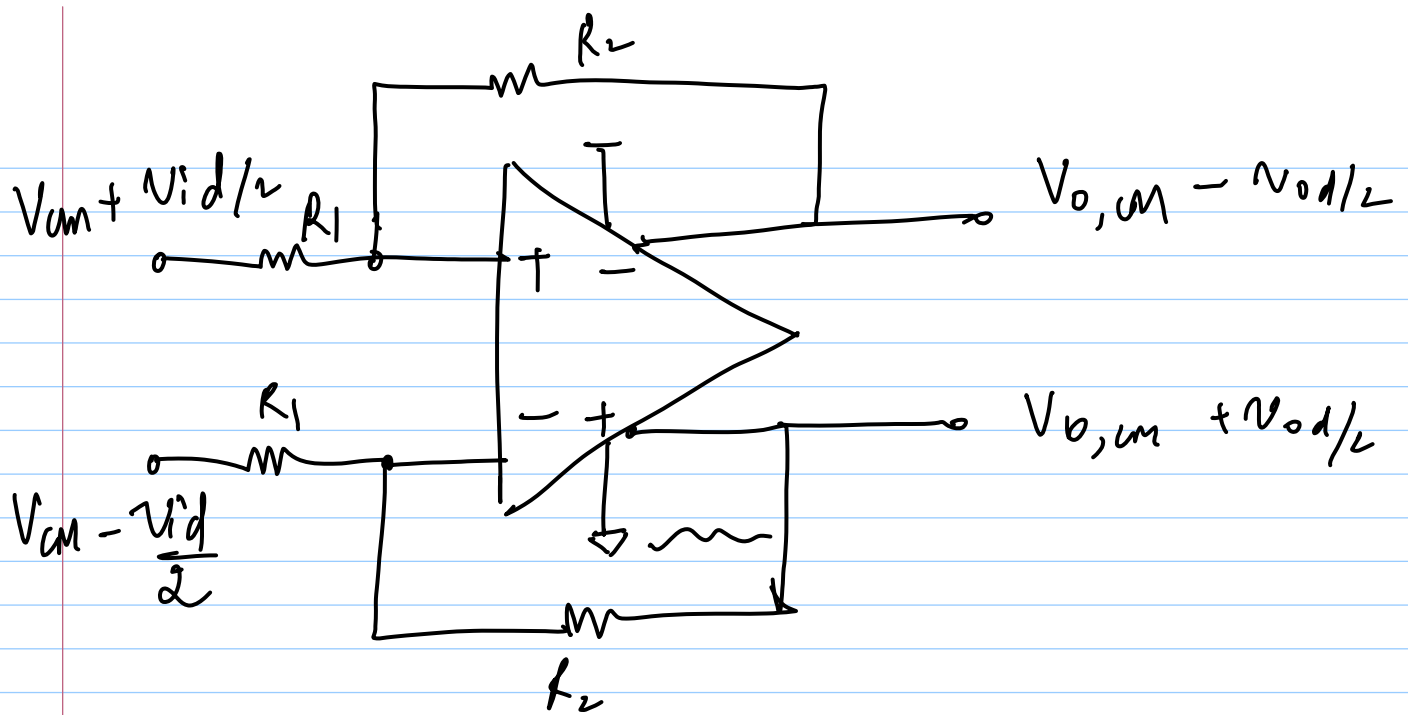
11-3-13

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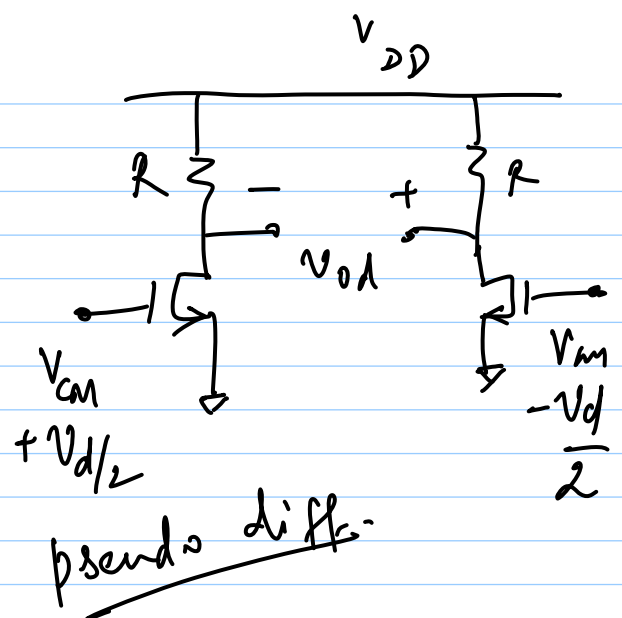
$$\frac{V_o}{V_i} = -\frac{R_2}{R_1}$$





$$V_{od} = g_m R \cdot V_{id}$$

CM gain $\ll$ DM gain



$$V_{od} = g_m R \cdot V_{id}$$

CM gain = DM gain

$$V_{0,cm, gain} = f(V_{cm})$$

