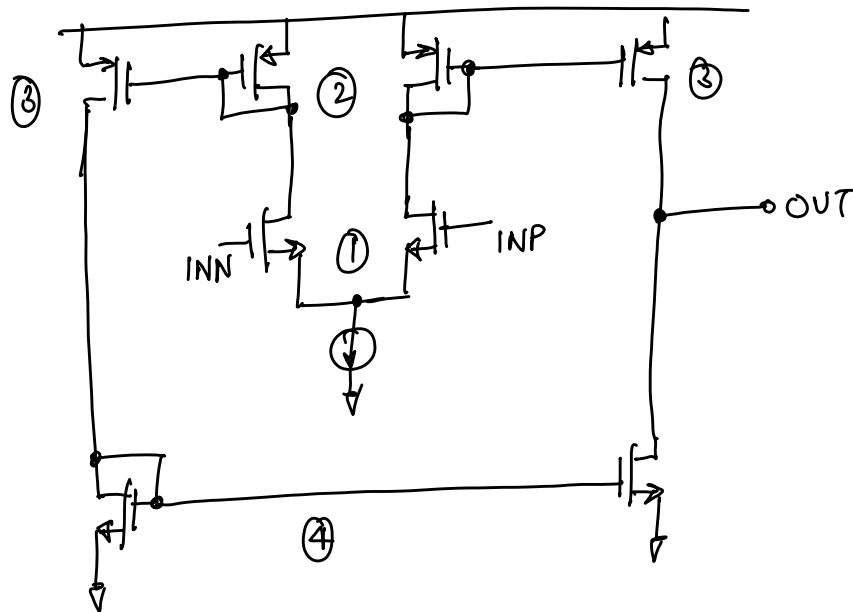


OFFSET ANALYSIS OF THE MIRRORED TRANSCONDUCTANCE AMPLIFIER



$$V_{OS1} = \Delta V_{TH1} \quad V_{OS2} = \frac{g_{m2} \Delta V_{TH2}}{g_{m1}} \quad V_{OS3} = \frac{\Delta V_{TH3} g_{m2}}{g_{m1}}$$

$$V_{OS4} = \frac{\Delta I_4}{g_{m3}} \frac{g_{m2}}{g_{m1}}$$