

$$|J_{1}| = |J_{12} - J_{0}(I + \frac{C_{L}}{C}) > 0$$

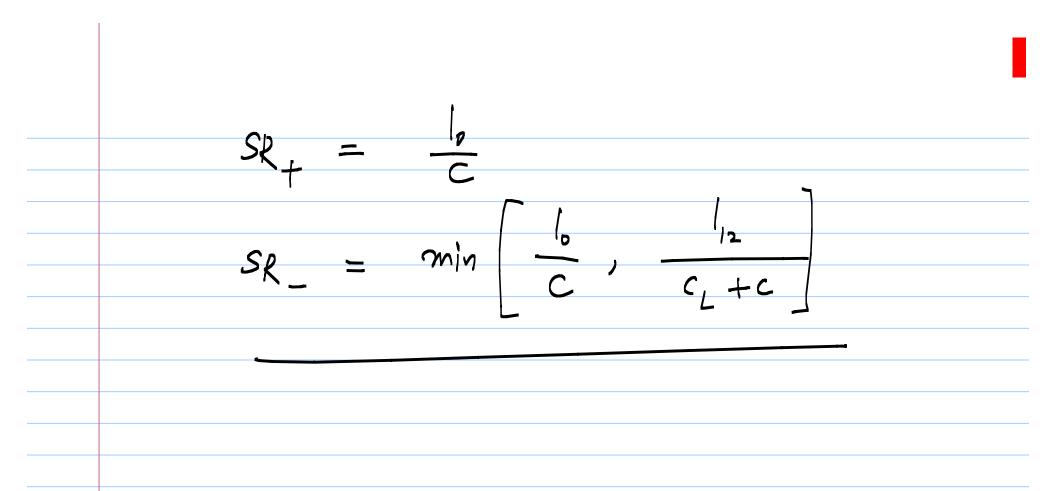
$$|f|_{12} > |J_{0}(I + \frac{C_{L}}{C}); \text{ autput mill veduce}$$

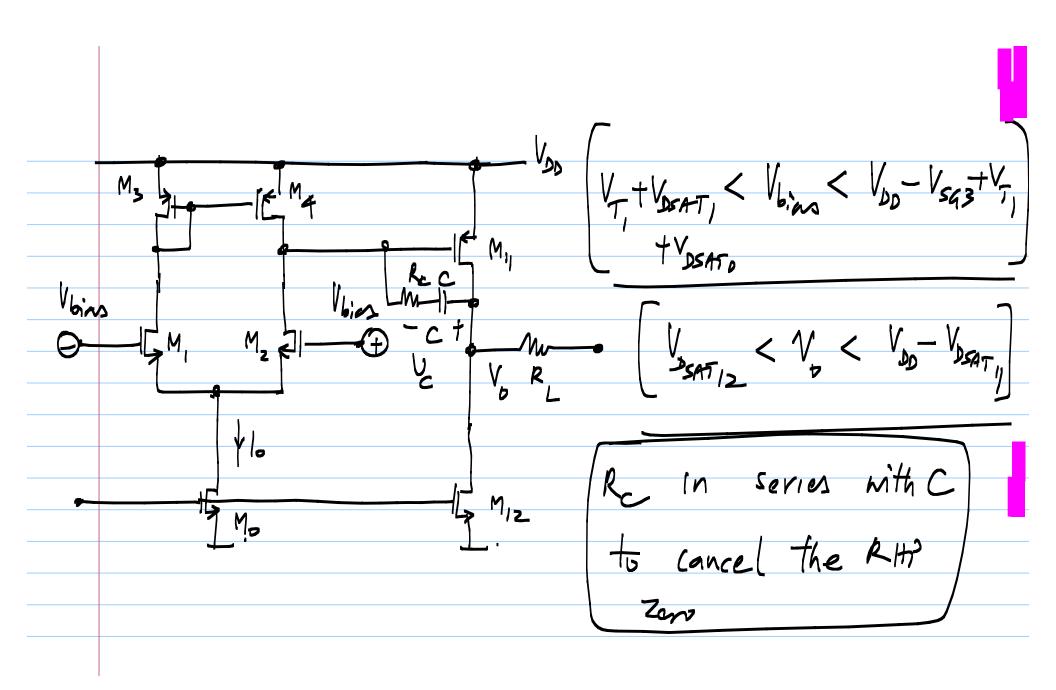
$$|J_{12}| < |J_{0}(I + \frac{C_{L}}{C})?$$

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$$|J_{12}| = |J_{12}|$$





Two stage opamp;

$$A_{B} = \frac{g_{m_{1}}}{g_{m_{2}}} = \frac{g_{m_{1}}}{g_{m_{2}}}$$

$$H(s) = A_0 \left(\frac{1+s-\frac{1}{2gm_3}}{1+s-\frac{5}{2m_3}}\right) \frac{1-s/z_1}{(1+\frac{s}{p_1})(1+\frac{s}{p_2})}$$

$$S_{V_{1}n} = \frac{16 \cdot kT}{3 \cdot g_{m_1}} \left(1 + \frac{g_{m_3}}{g_{m_1}}\right)$$

$$\sigma_{V_{es}}^2 = \sigma_{V_{-12}}^2 + \left(\frac{g_{m_3}}{g_{m_1}}\right)^2 \sigma_{V_{-34}}^2$$

$$SR + = \frac{1}{C}$$

$$SIZ = \frac{1}{C} \frac{1}{C} \frac{1}{C} \frac{1}{C}$$

