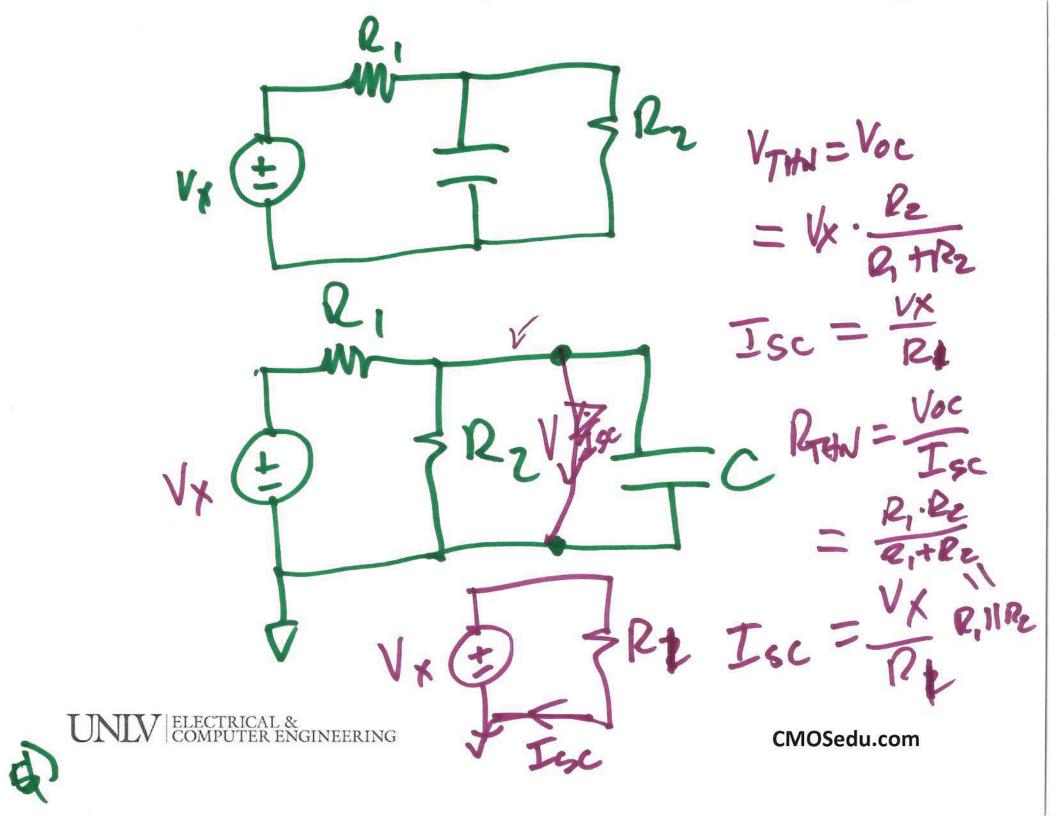
$$V_{US} = \sqrt{\frac{K_1 \alpha_{ex} \cdot 2}{\beta_{13}}} + V_{TW}$$

$$V_{US} = \sqrt{\frac{1}{\beta_{13}}} + V_{TW}$$

$$V_{US} = \sqrt{\frac{1}$$

2)

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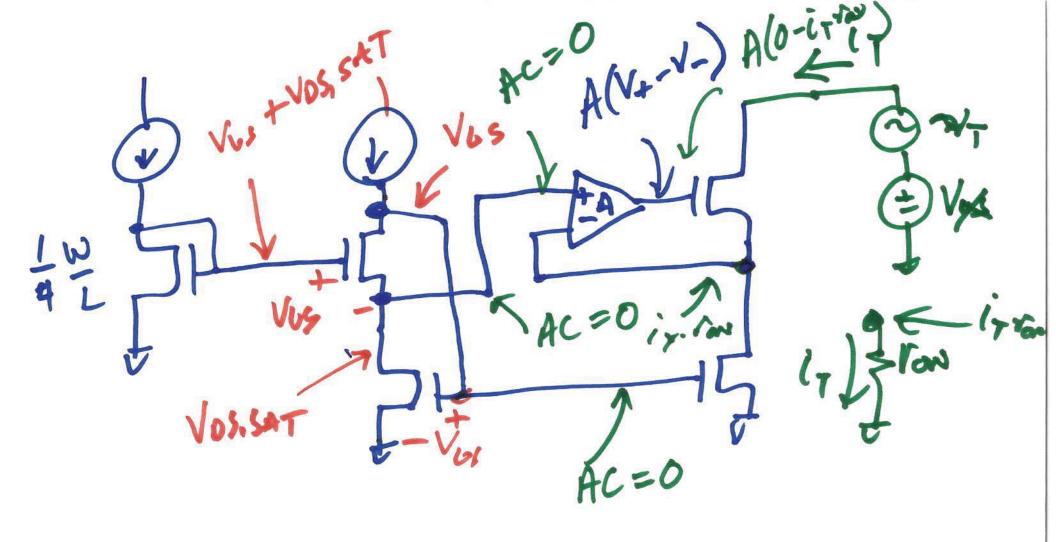


RIIR 7=111122.C



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B

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$$i_{T} = g(-i_{T}r_{0}(1+A)) + \frac{2r}{r_{0}} - i_{T}$$

$$i_{T}(1+1 + 4r_{0}(1+A)) = \frac{\sqrt{r}}{r_{0}}$$

$$i_{T}(1+1 + 4r_{0}(1+A)) = \frac{\sqrt{r}}{r_{0}}$$

$$\frac{2r_{0}(1+A)}{r_{0}} + \frac{2r_{0}}{r_{0}}(1+A) + \frac{2r_{0}}{r_{0}}$$



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