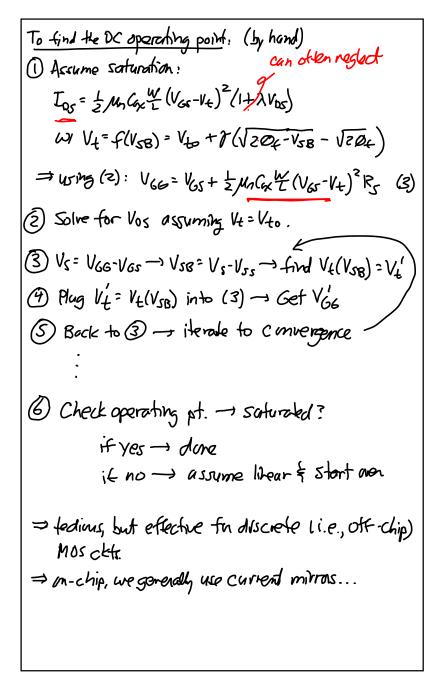
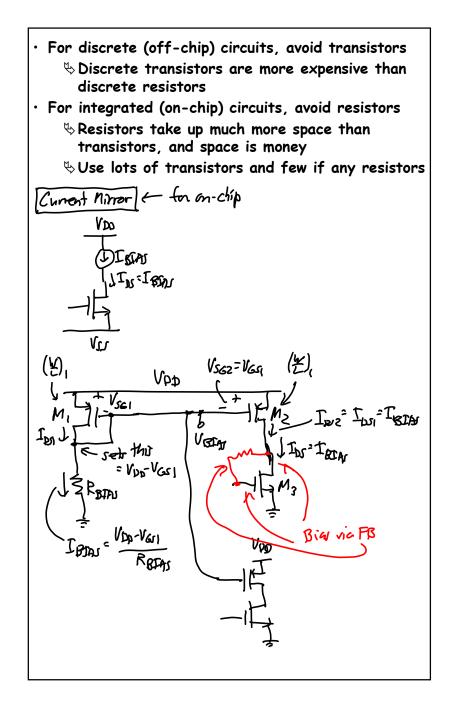
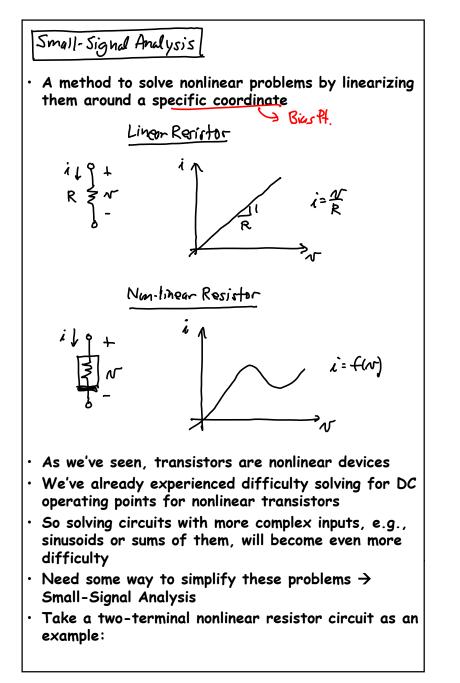


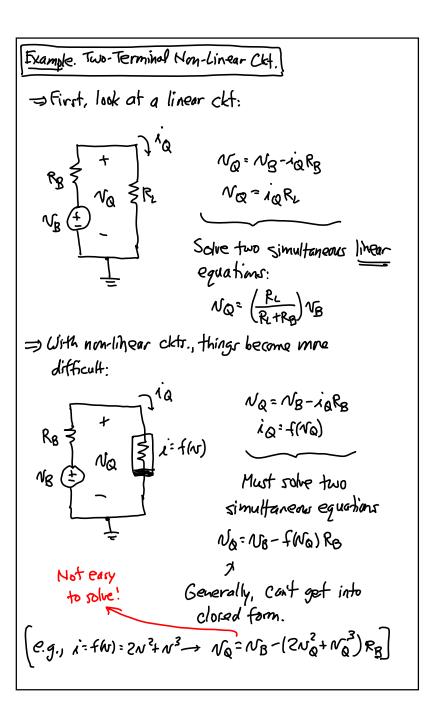
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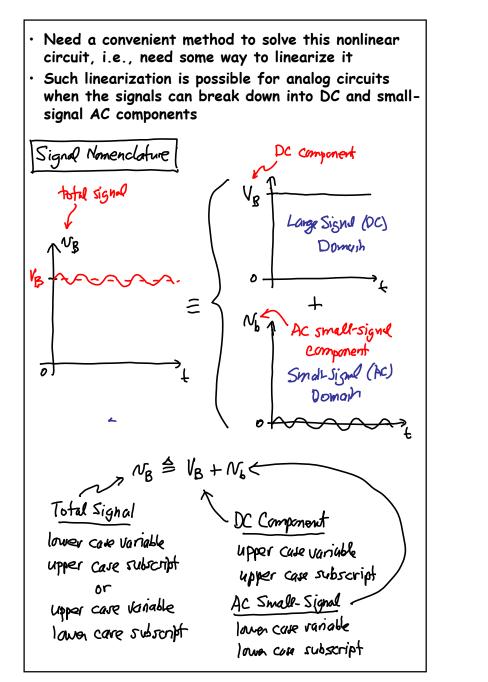
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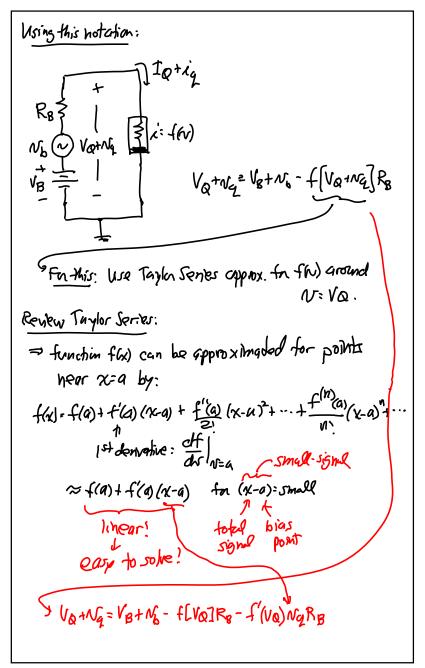












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 $V_{Q} + N_{Q} = V_{B} + N_{b} - I_{Q}R_{B} - \frac{R_{B}}{R_{SS}}N_{Q}$ T $F_{reluate}$ n_{cm}/n_{cm} fer $R_{SS} = \frac{1}{2f} = \frac{S}{resistance}$ $I_{Q} = f(V_{Q})$ T