## BJT Bias Base Bias (H.6)

## 20170121

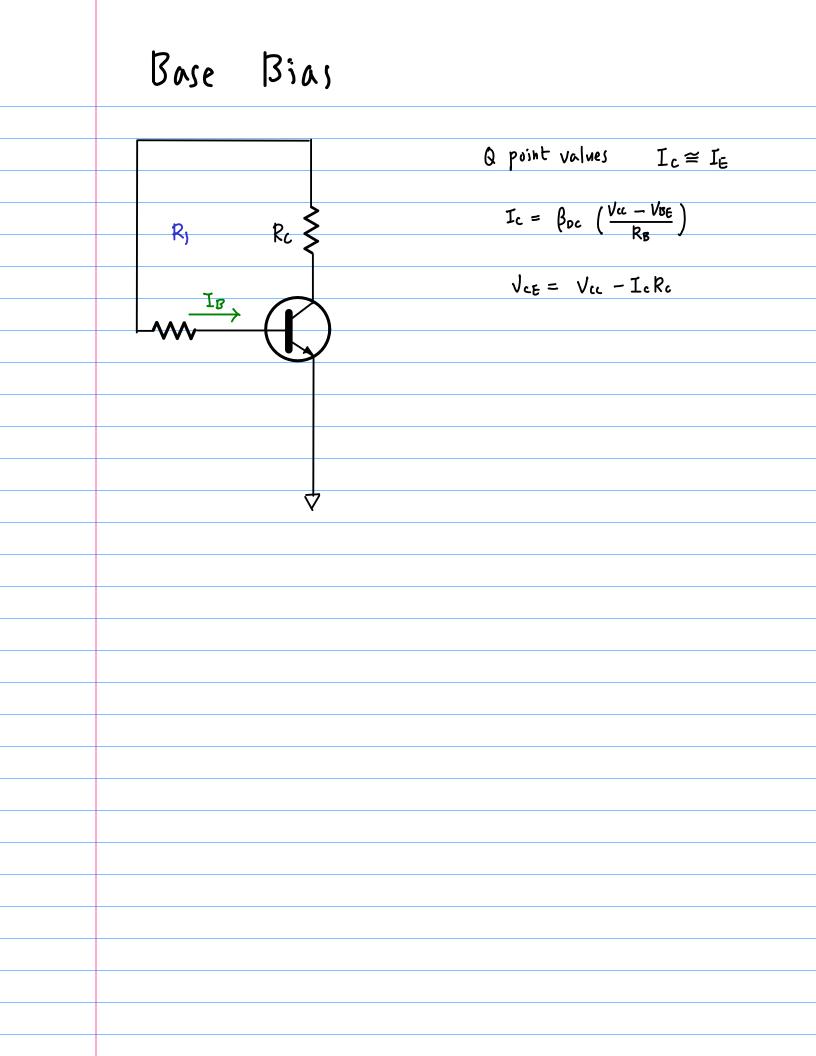
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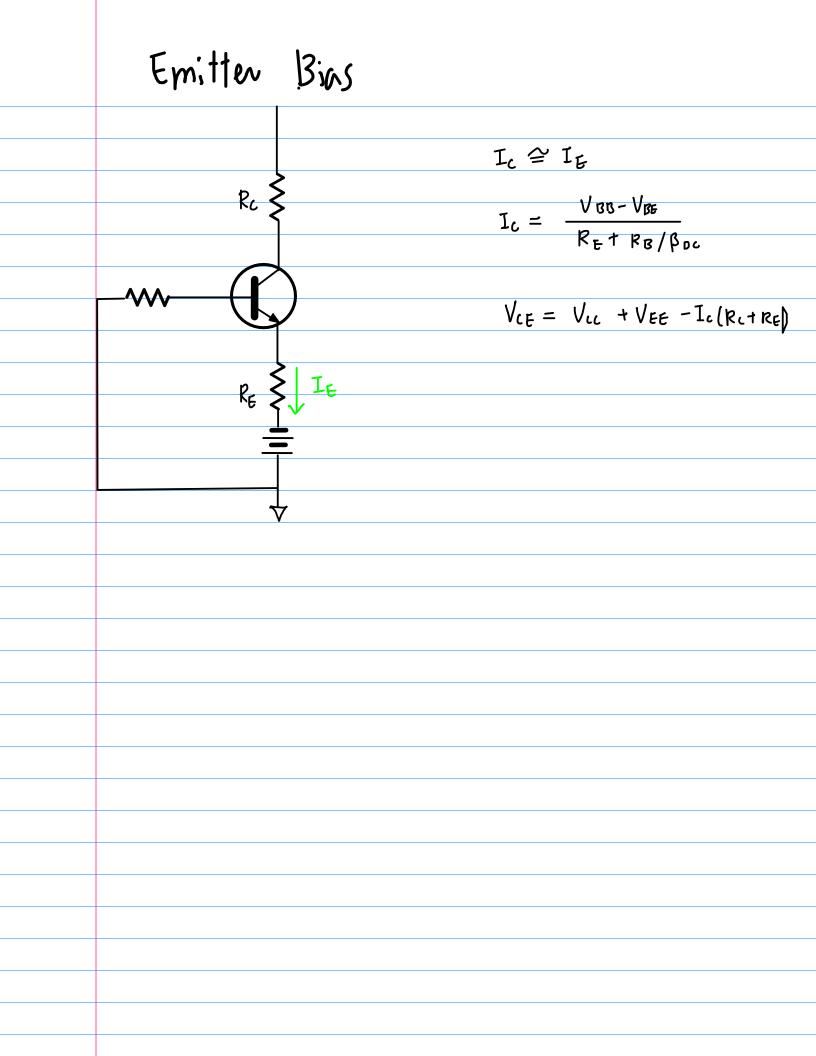
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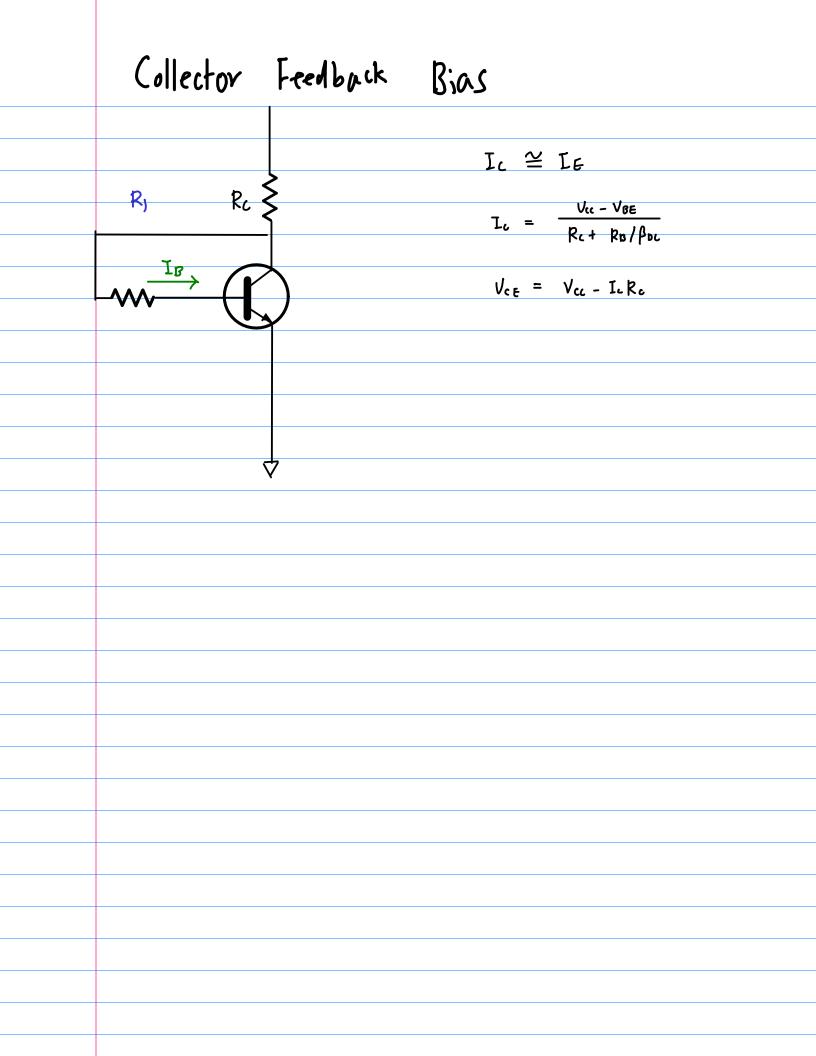
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## References

Based
[1] Floyd Electronic Devices 7th ed
[1] Floyd, Electronic Devices 7th ed [2] Cook,
[2] en.wikipedia.org
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Rc R, R, IB R2 PDCRE R2 Re J, R,  $V_{B} = \frac{\left(\begin{array}{c} R_{2} \mid \mid \varphi_{Dc} R_{E} \right)}{R_{1} + \left(\begin{array}{c} R_{2} \mid \mid \varphi_{Dc} R_{E} \right)} \cdot V_{cc}$  $\mathcal{N}_{\mathcal{B}}$  $\approx \frac{R_2}{R_1 + R_2} \cdot V_{cc}$  $\left| \left( \begin{array}{c} R_{2} \\ R_{2} \\ \end{array} \right) \right| \left| \left( \left( \begin{array}{c} P_{2} \\ P_{2} \\ R_{2} \\ \end{array} \right) \right| \left( \left( \begin{array}{c} P_{2} \\ P_{2} \\ R_{2} \\ \end{array} \right) \right) \right|$  $R_{2} \ll R_{pc} R_{f} \left( R_{2} || R_{pc} R_{f} \right) \approx R_{2}$