## BJT Bias Feedback Bias (H.20)

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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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Base Bias
Q point values $I_c \cong I_E$
$I_{c} = \beta_{oc} \left( \frac{V \alpha - V s_{e}}{R_{B}} \right)$
$R_{B}$ $V_{CE} = V_{CL} - L_{CK}$
V <sub>BE</sub>
 Fixed Bias :
fixed base curront IB
Temperature
Is i fixed
$I_c = \beta I_B$ : change as $\beta$ changes
<b>^</b>
 Q moves all over the load line
 Can not be used in the
 fixed Q circuits
 => Use RE as a feedback















