BJT Amplifier Equivalent Circuits (H.10)

20170126

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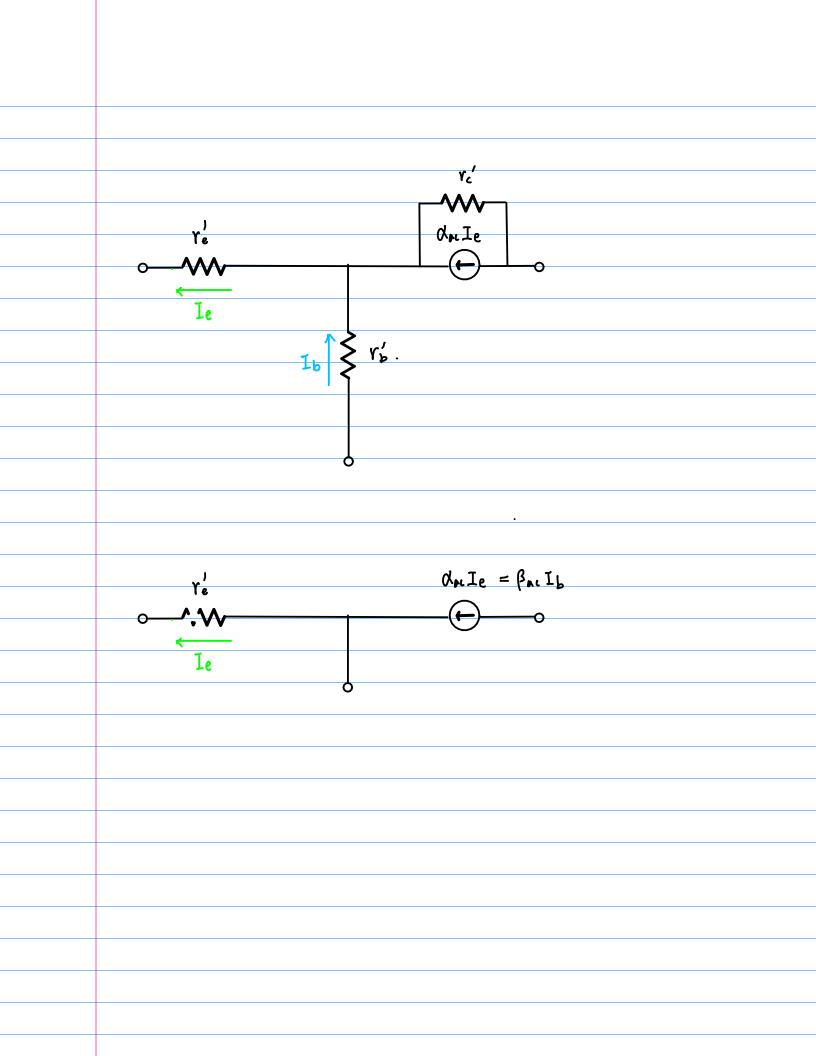
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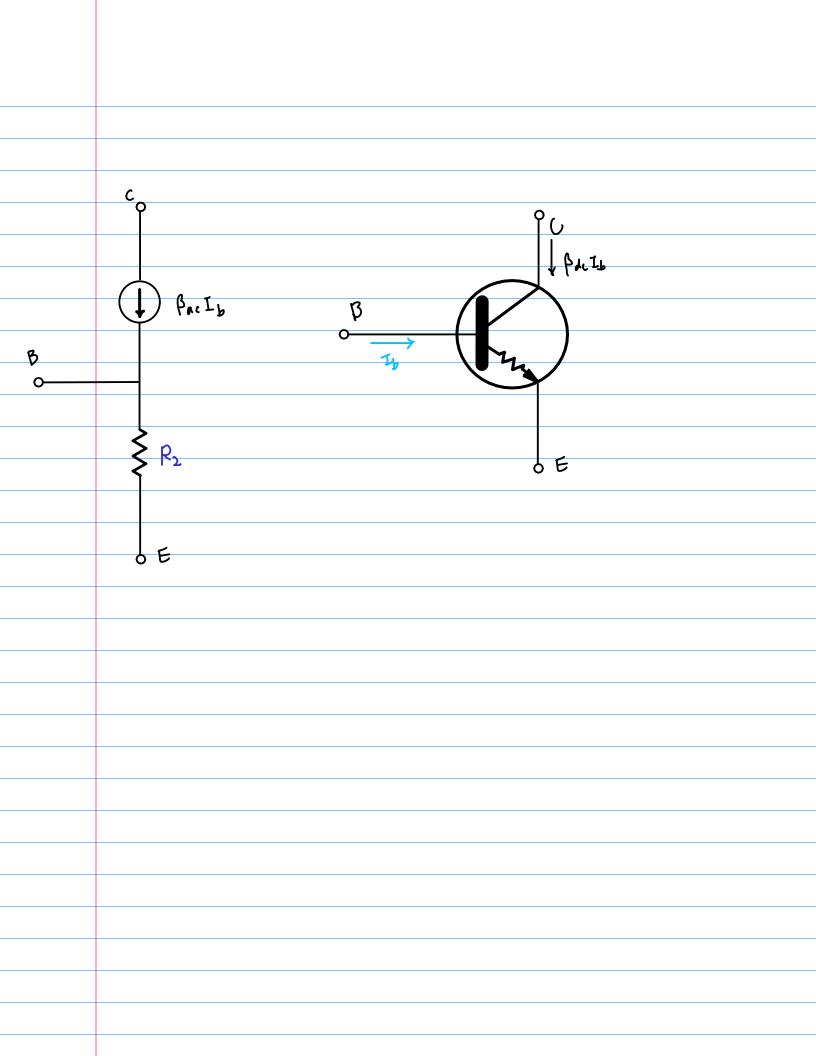
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References

Based
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[1] Floyd, Electronic Devices 7th ed [2] Cook,
[2] en.wikipedia.org
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 Cac ac alpha (Ic/Ie) Bac ac beta (Ic/Ib)
 Bac ac beta (Ic/Ib)
 ré ac emitter resistance
 ré ac base resistance
 ri ac collector resistance





1_c ic Lc Ic Ie ie IB Ib ib Ver Vie Vie $\left(\frac{1}{PPC} + R_{c}\right) L_{c} - V_{cc} - V_{BG}$ $\overline{L}_{c} = \frac{V_{cc} - V_{BG}}{R_{c} + R_{B}/\beta_{PC}}$