Lecture 15:

Small Signal Modeling

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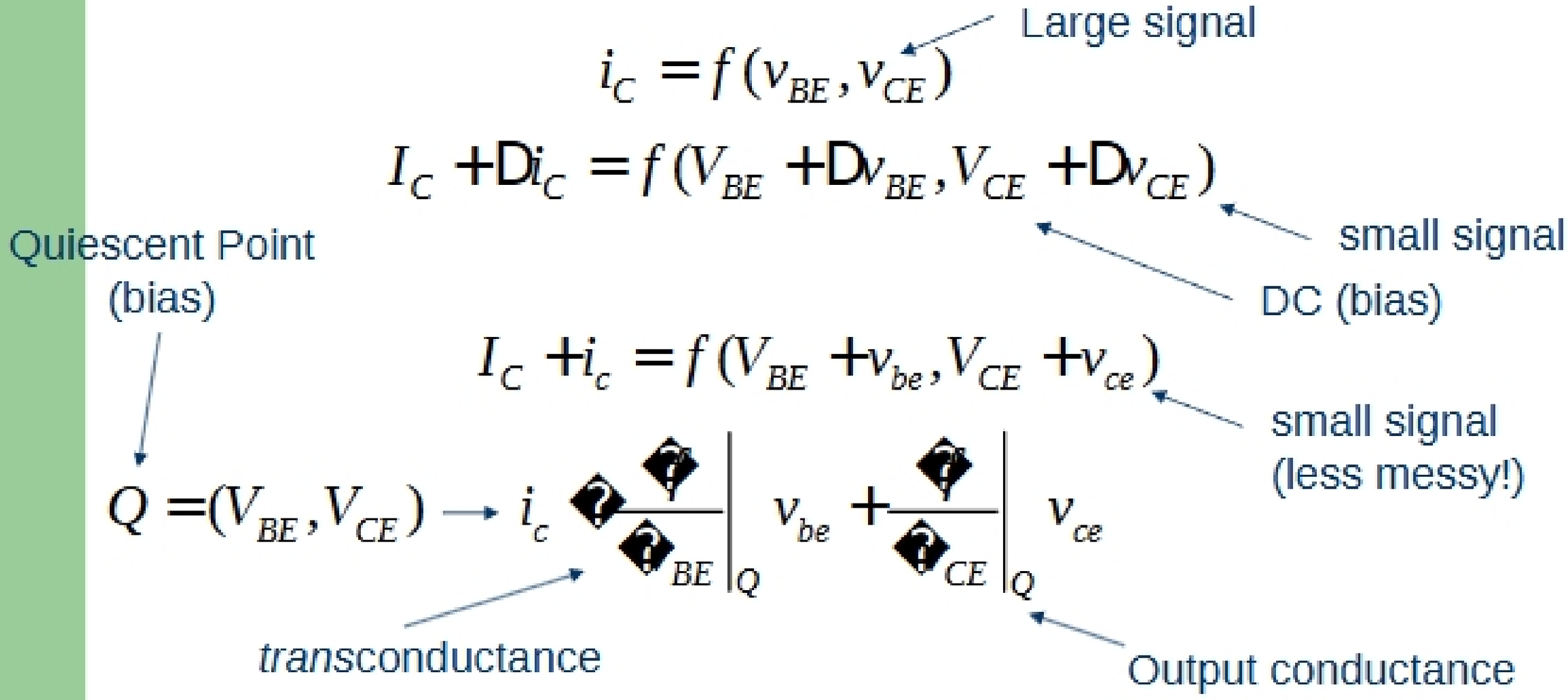
Lecture Outline

- Review: Diffusion Revisited
- BJT Small-Signal Model
- Circuits!!!
- Small Signal Modeling
- Example: Simple MOS Amplifier

Notation Review



- Since we're introducing a new (confusing) subject, let's adopt some consistent notation
- Please point out any mistakes (that I *will* surely make!)
- Once you get a feel for small-signal analysis, we can drop the notation and things will be clear by context (yeah right! … good excuse)