Outline

Chapter 11  BJT Static Characteristics

- Deviations from Ideal
  - Early Effect
  - Punch-through
  - Avalanche multiplication and breakdown
  - Geometrical effects
    - Series resistance
    - Current crowding
    - Comb-like emitter
  - R-G current
  - Graded base
  - Figures of merit
    - Gummel Plot
    - Log-log plot of $\beta_{dc}$ versus $I_C$

Reading: Chapter 11.2