Lecture 2: Device Models I (bipolar)

- Announcements:
- The course website was up and running, yesterday
  - Just google ee140 to get to it
- Discussion sections start next week
  - Discussion Section 102 Time and Location
  - Th 4-5 p.m., 293 Cory
  - This is also now up on the official online schedule of classes
- Updates to the course information sheet handed out last time:
  - TA office hours will be held in 382 Cory
  - Lingqi Wu email: change to wulingqi@berkeley.edu
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- Lecture Topics:
  - Review (so fast)
  - Bipolar Junction Transistor Modeling
    - —Basic Structure & Physics
    - —Large Signal Models
    - —DC Operating Point
    - —Small Signal Models
    - —Frequency Shaping Elements
    - —Layout
    - —Unity Gain Frequency
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- Last Time: Reviewed op amps