

ENEE 303H Spring 2009 final study topics

1. Small signal equivalent circuits, BJT and MOS (N & P)
2. The circuits of Homework 4
3. The Best Circuit of Lauren Fuller's study
4. The small signal behavior of the circuits of Mamoud Abdelsalam
5. Current mirrors from BJTs and CMOS for both directions.
6. OTAs from BJTs and CMOS
7. Admittance matrix calculation and use.
8. Inverters: large and small signal characteristics.
9. Setting up differential equations with transistor circuits.