

ESEE 303 Spring 2011 Midterm Study Topics

1. MOS and BJT characteristics; MOS capacitance
2. MOS Spice models
3. Differential pairs, BJT and MOS
4. Small signal equivalents; Y parameters
5. Biasing of MOS amplifiers, Q points and load lines
6. Voltage transfer functions
7. Zeros & poles, impulse response, sinusoidal steady state