

EEAP 245 Electronics

Homework Assignment #6

Due Wednesday March 27th no later than 5PM.

Read Hambley

5.4 Small-signal equivalent circuits

5.5 The Common-Source Amplifier

Do the following problems from Hambley

Section 5.1: NMOS Transistors

5.5

5.13

Section 5.2: Load-Line Analysis of a Simple NMOS Amplifier

5.15 (a)

5.16 (b)

5.18

Section 5.3: Bias Circuits

5.23

5.26