

EECEU2412 Homework 6

Prof. Charles A. DiMarzio
Department of Electrical and Computer Engineering
Northeastern University

Fall Semester 2009

This homework assignment covers FET amplifiers.

1 Common–Source Amplifier

Solve Problem 5.38 in the text.

2 JFET Amplifier

This problem will require you to learn a bit more about JFETs than we covered in class. The relevant material is in the text around page 333.

Solve Problem 5.41 in the text.

3 Depletion FET Amplifier

Solve Problem 5.44 in the text.

4 Source Follower

Solve Problem 5.48 in the text.