EE 110A
ASSIGNMENT #1

Due: Tuesday, October 11, 2005

Reading: Sedra and Smith, p. 139-183

Not responsible for following sections:
3.1.3: Diode logic gates
3.3.2: Graphical analysis
3.3.5: Piecewise linear model

Problems:

1) List 5 applications of analog circuits not discussed in class and give a short description (as little as one sentence) where there is a need for an analog circuit in this application. These can either be real or made-up applications. 10 points, 2 points per application, full credit given for trying.

2) Sedra & Smith, Problems 3.9, 3.25, 3.30, 3.33, 3.48, 3.61, 3.66, 3.86, 3.89.