

Agenda for ESRP 310 Fall 2007, 8th Lab

Oscillation Exercises

Chapter 17, Web #1. Build the Model of College Growth

Build the model of college growth. Most of this model will be familiar to you because of previous work from Chapter 6.

The new model specifies that the nomination rate depends on a smoothed value of the student/faculty ratio. Be sure to review the purpose and syntax of a SMTH1 (see page 357 in the book).

Then use the SMTH1 to create the “effective ratio” as instructed on the website.

Take the time to write your answers to the questions from Chapter 17 Web #1 down, so Prof. Ford can see your thinking before you click the “run” command.

Chapter 17, Web #2. Simulate and Verify the Oscillatory Results

Run your model and verify that you get the oscillatory results shown on the website. Take the time to write your answers about DT so Prof. Ford can see your thinking before you do the DT tests.