

Lectures 9, Tu., Sept. 18

Reading homework: Chapter 3

1. **MATLAB programs/simulation, general stability criteria.** We covered many MATLAB programs posted in <http://math.la.asu.edu/%7Ekuang/class/dmfile.htm> and run many simulations on Logistic equation and the Nicholson-Bailey host-parasitoid model. We have also mentioned the Schur-Cohn criteria and its relation to Jury test and the Routh-Hurwitz stability criteria.