

Honors 225 – Exam 1 Review

You should be familiar with the following concepts or terms:

difference equation

iteration

orbit

fixed point

periodic orbit / periodic point

attracting vs. repelling

You should be able to do calculations and solve problems concerning

finding first few points on an orbit

finding all fixed points

determining attraction / repulsion of fixed point

following a periodic orbit and deciding about its stability

following an orbit graphically for a few steps

You should be able to explain coherently why the stability criterion is what we say it is.