Modeling and Simulation, MC312
Lab-4
Due: September 19,2023

September 13, 2023

1. **Bifurcations in 1D nonlinear systems:** In this lab we numerically analyze the bifurcation in one-dimensional nonlinear systems. For the lab first read sections 8.1 and 8.2 of chapter 8 of Sayama's book (Modeling Complex Systems).

    (a) [**Not to be submitted**]: Reproduce Figure 8.6 of the book.
    (b) [**To be submitted**]: Exercise 8.2.