- 1. Plot the bifurcation diagram of the sine map f(x)=a*sin(Bx). (0<a<1). What are the similarities with the bifurcation diagram of the logistic map?
- 2. Using the sine map, approximate Feigenbaum's constants " and *. Tip: you need to calculate the bifurcation points first. Tip 2: you can actually use * to approximate the bifurcation points and the values of a when a point of the attractor cycle=0.5 (superstable orbits).