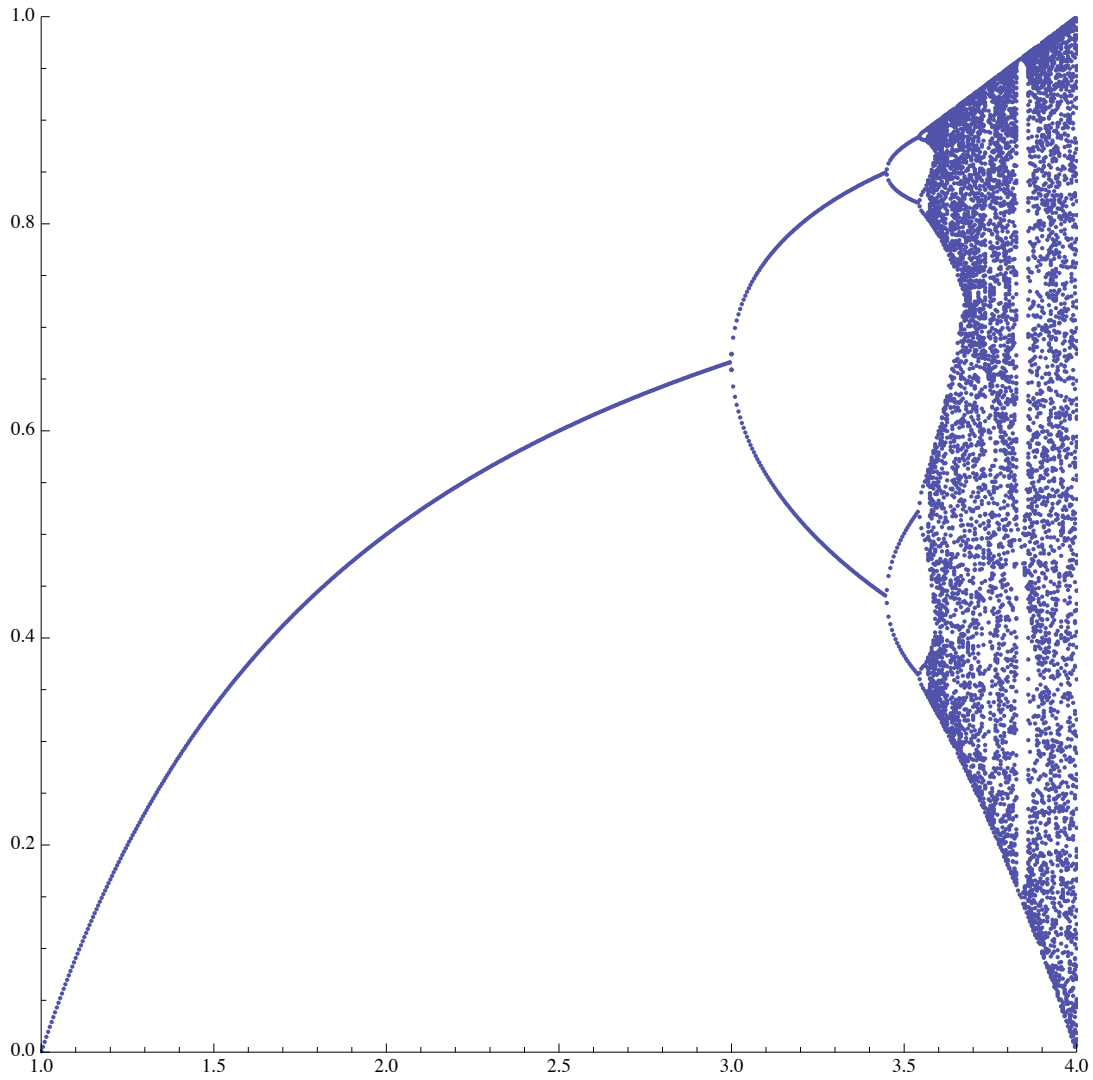
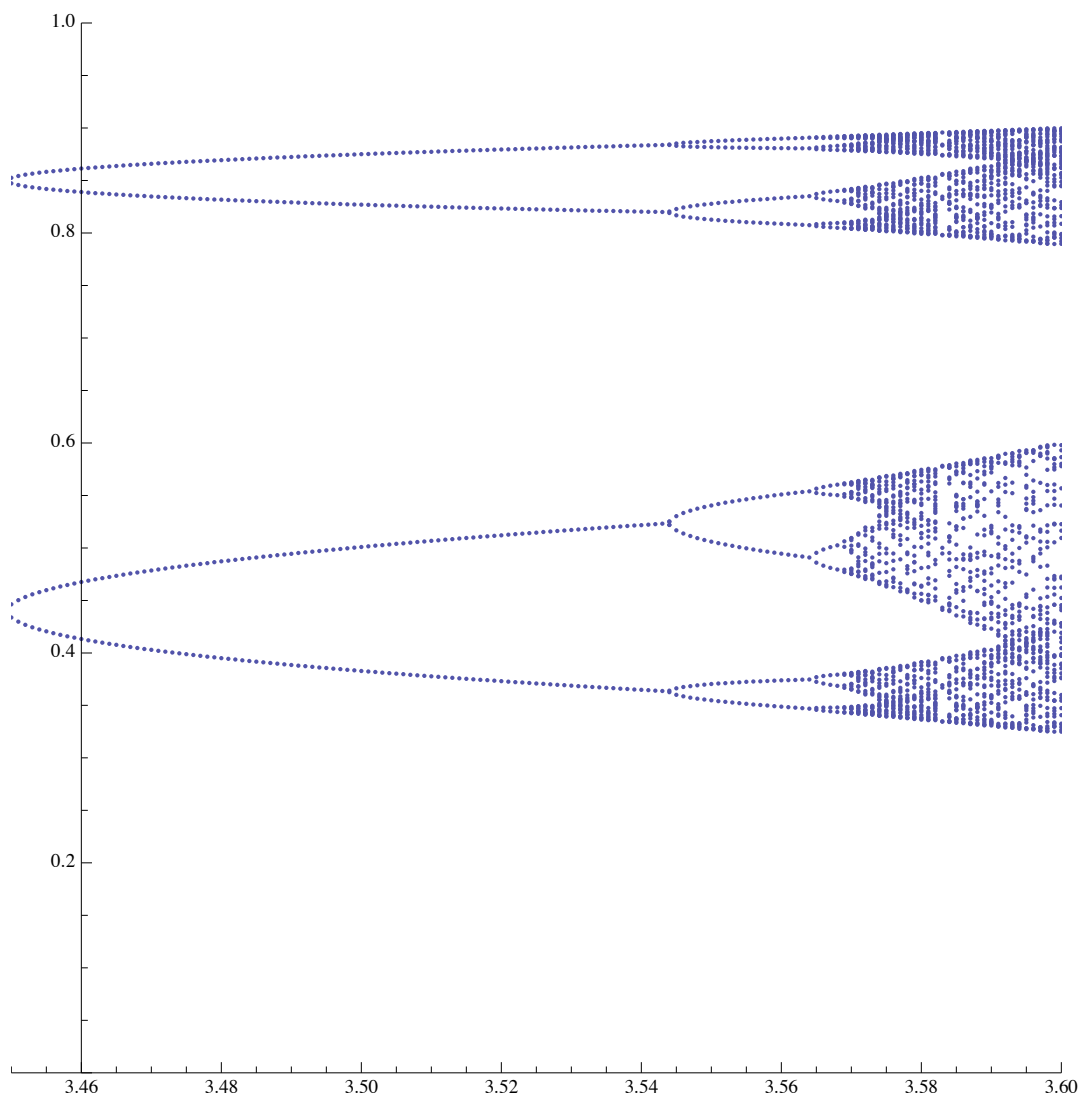


```
eventual[a_] :=  
  Union[Drop[NestList[a # (1 - #) &, Random[], 1000], 900], SameTest -> (Chop[#1 - #2] < 10-4 &)]  
  
logbif[low_, high_, inc_] := ListPlot[Join@@Table[{a, #} & /@eventual[a], {a, low, high, inc}],  
  PlotStyle -> PointSize[Small], PlotRange -> {{low, high}, {0, 1}}, AspectRatio -> 1]  
  
logbif[1, 4, .005]
```



logbif[3.45, 3.6, .001]



logbif[3.82, 3.86, .0001]

