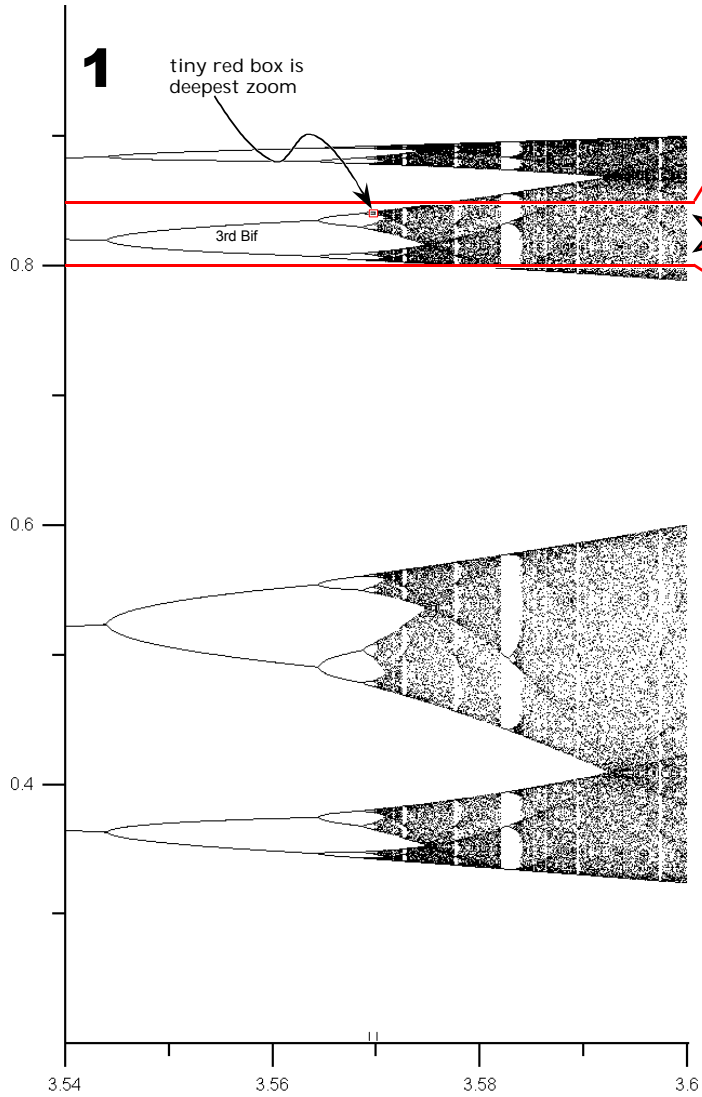
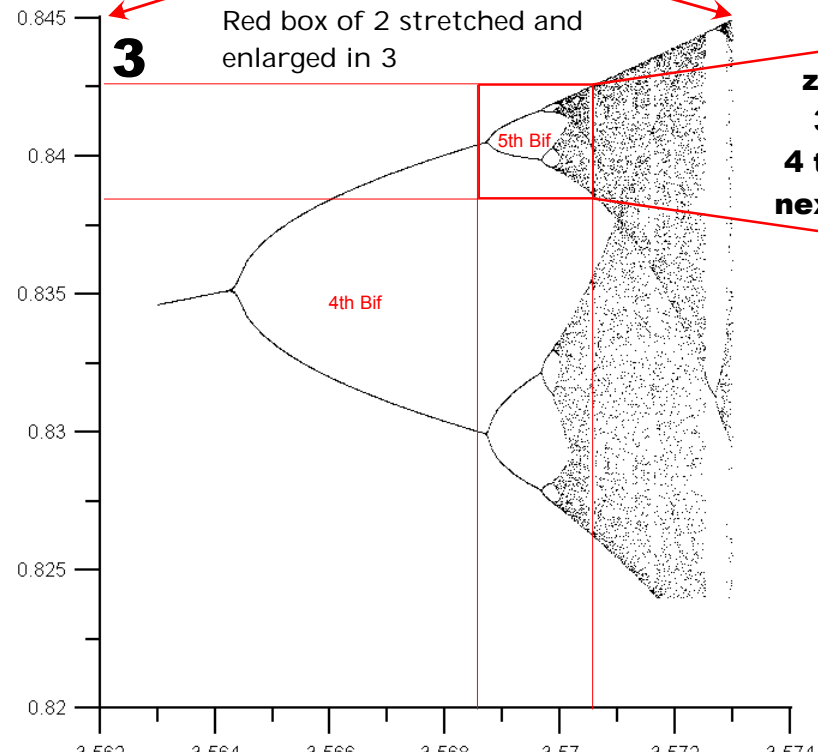
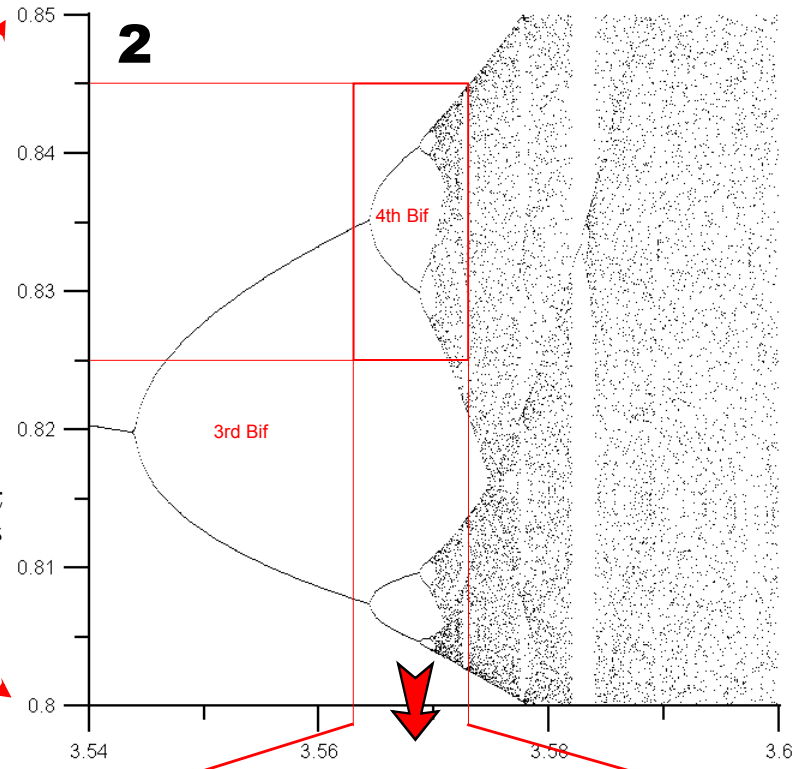


# BifZoomZoom

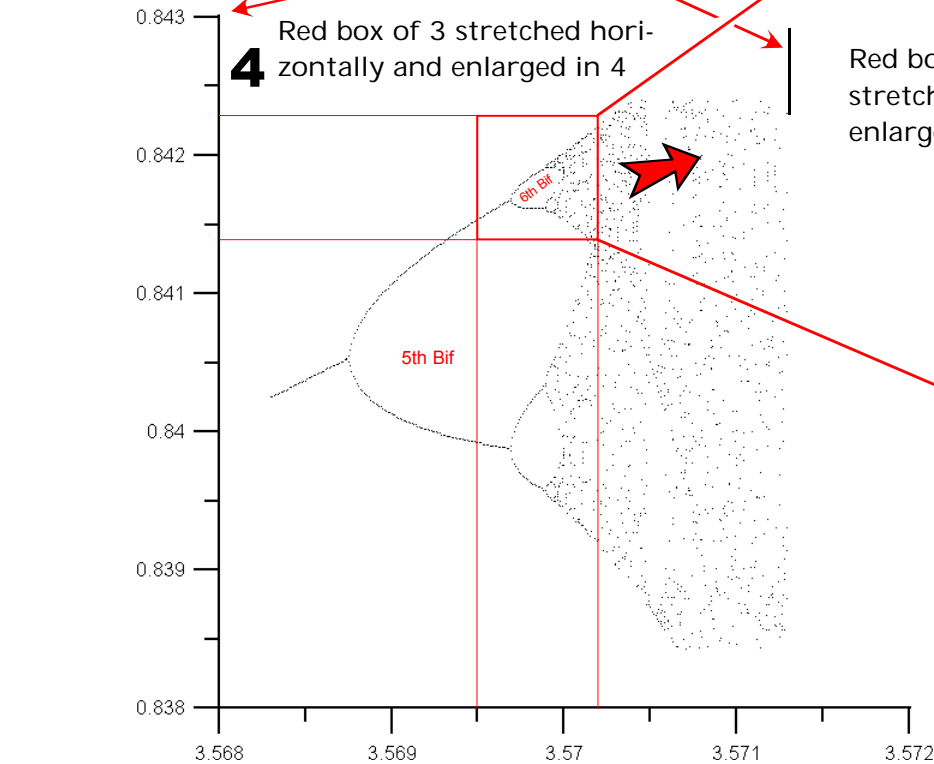
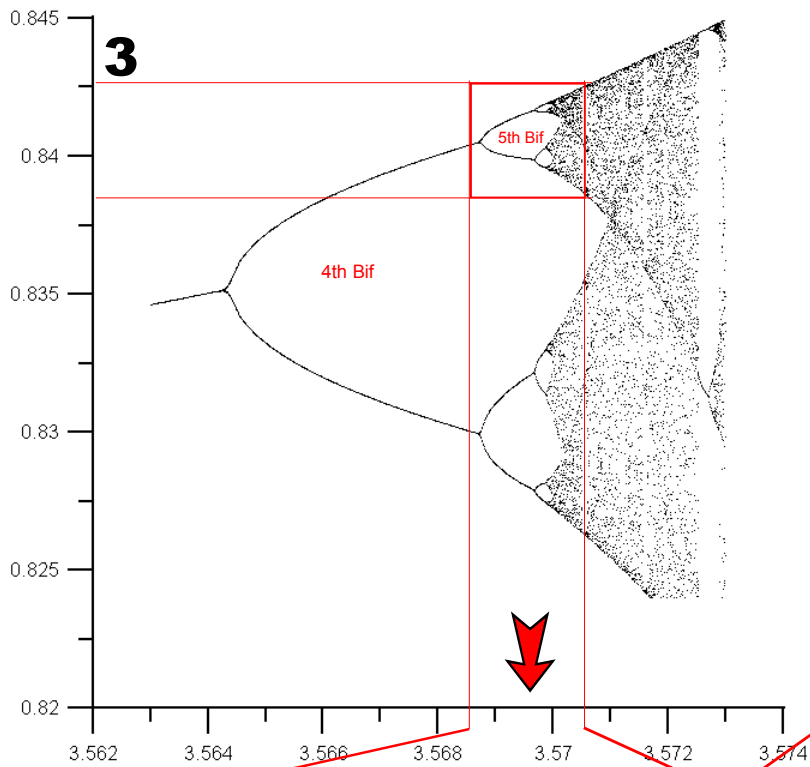
This series zooms in on the bifurcations, looking deeper and deeper for the 2nd, 3rd, 4th, 5th, 6th, etc. bifurcations.



Red box of 1 stretched vertically and enlarged in 2; same r values



**zooms  
3 to 4  
4 to 5 on  
next page**

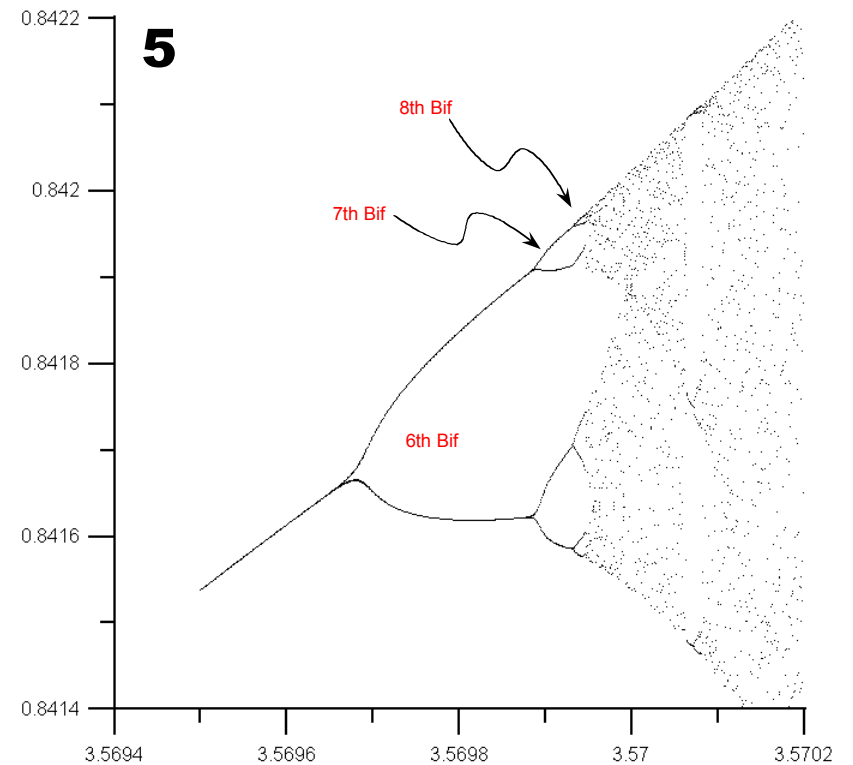


## BifZoomZoom Two

This page completes the series of zooms in on the bifurcations. We got to the 8th bifurcation (oscillations among 256 values), before running out of decimal places with this particular program.

Do you think the bifurcations go deeper?

Red box of 4 stretched and enlarged in 5



This zoom cover only  
0.008 of  $r$ , and  
0.008 of  $X$