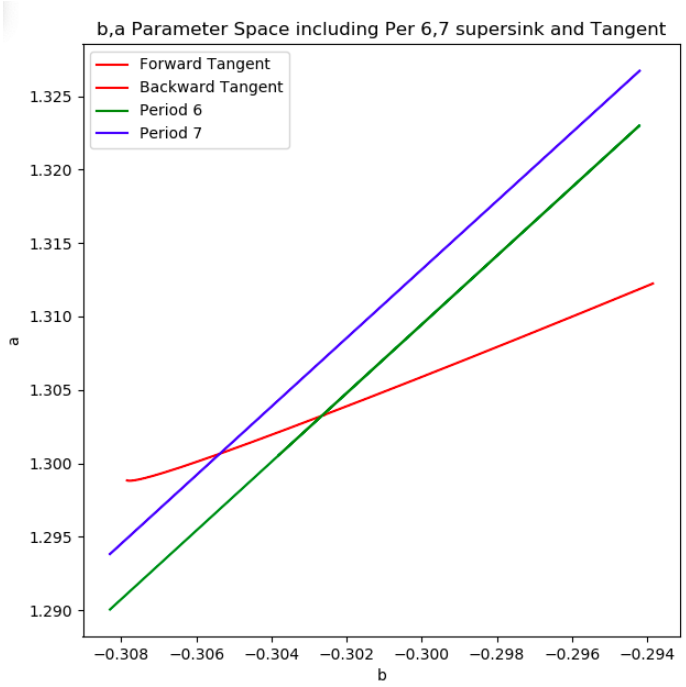
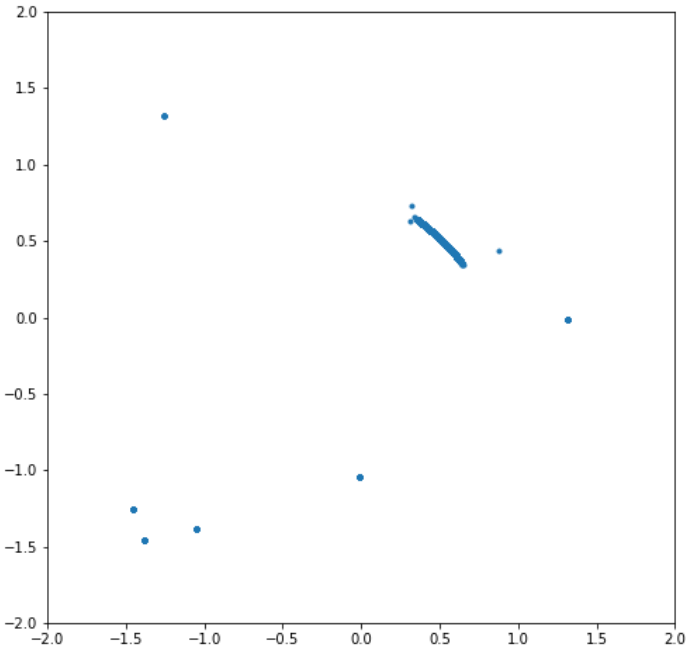
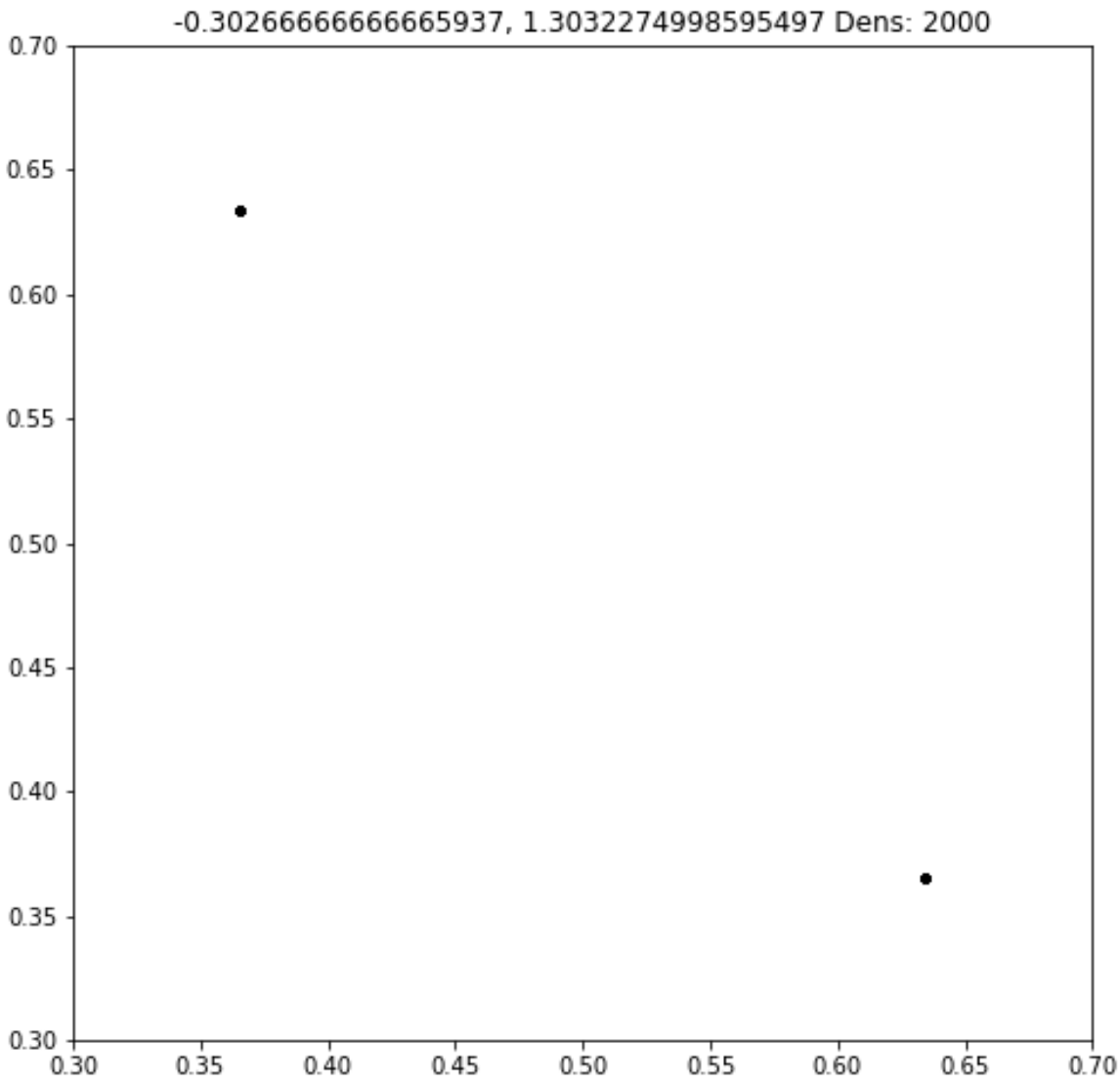
Recall Previously:

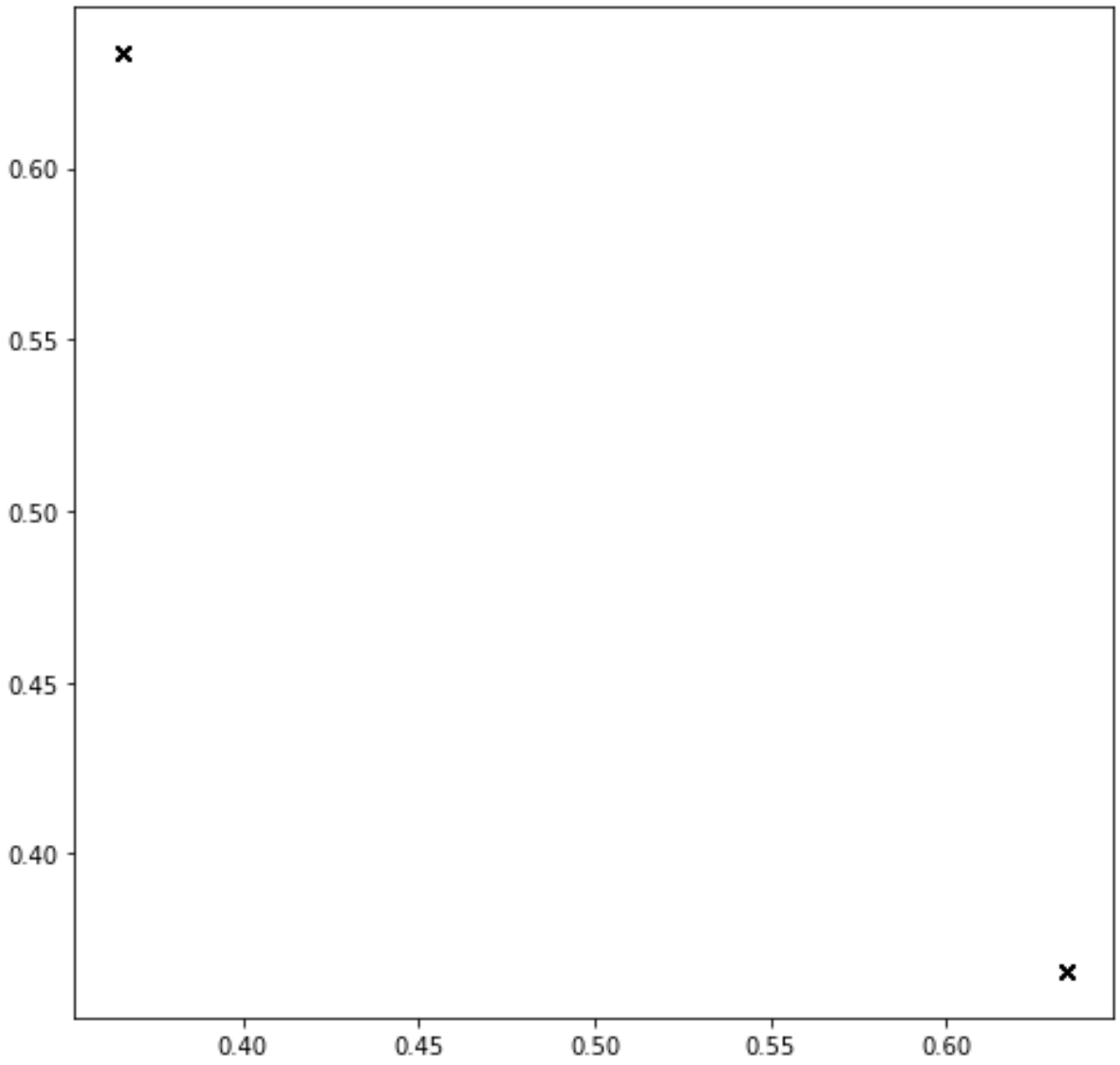




Meshgrid Method with 5,000 iterations:

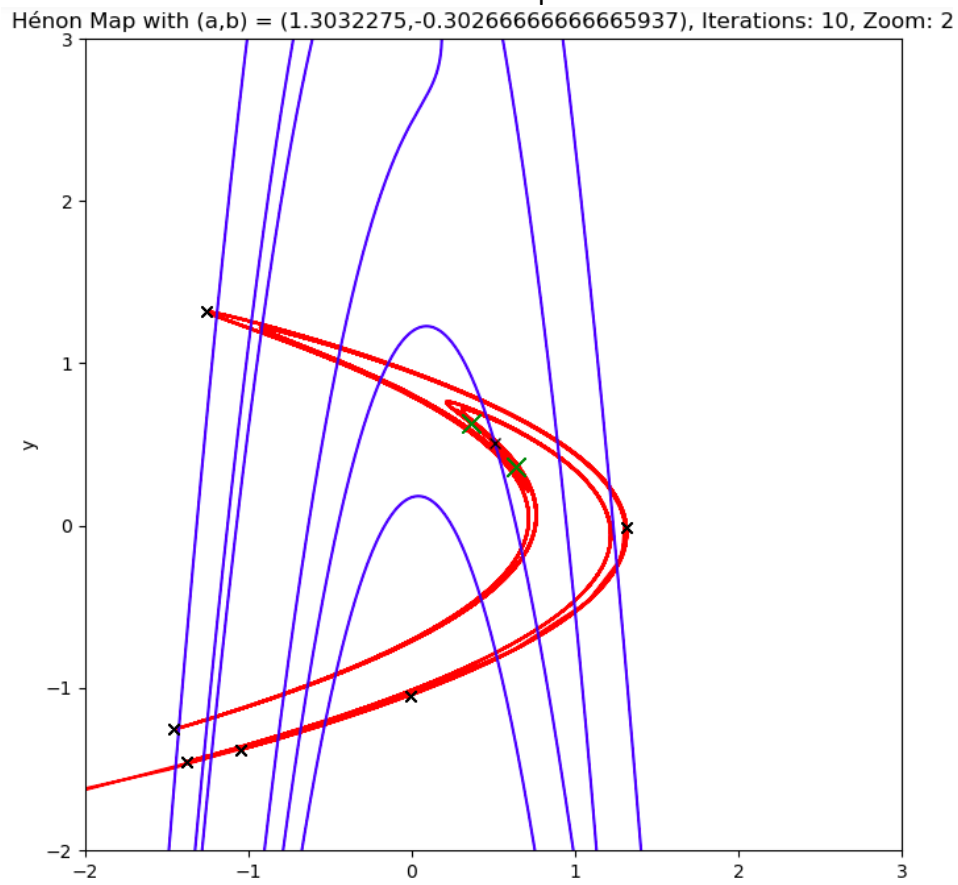


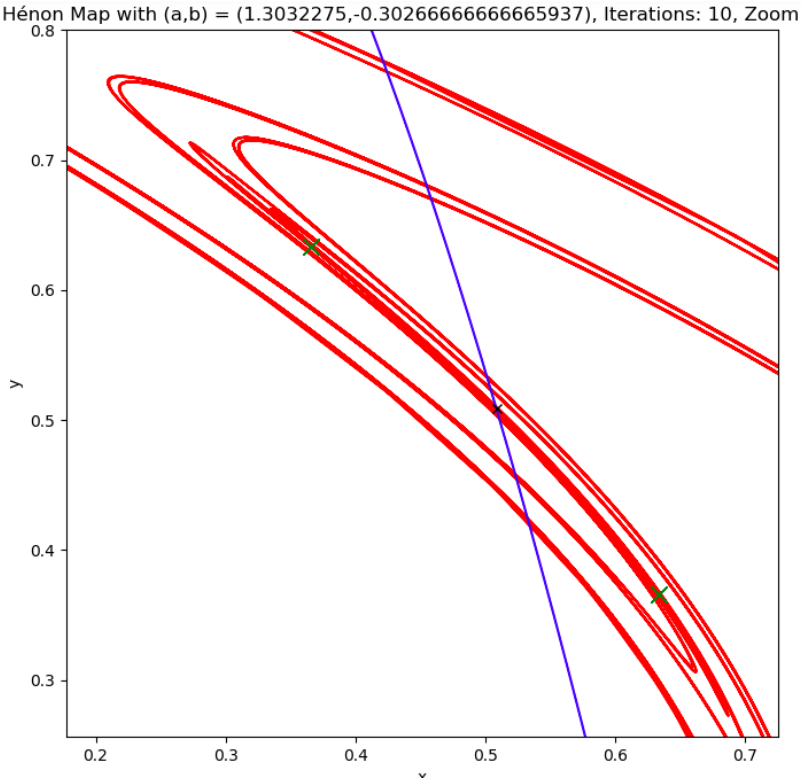
Confirmation it is a period-2 point



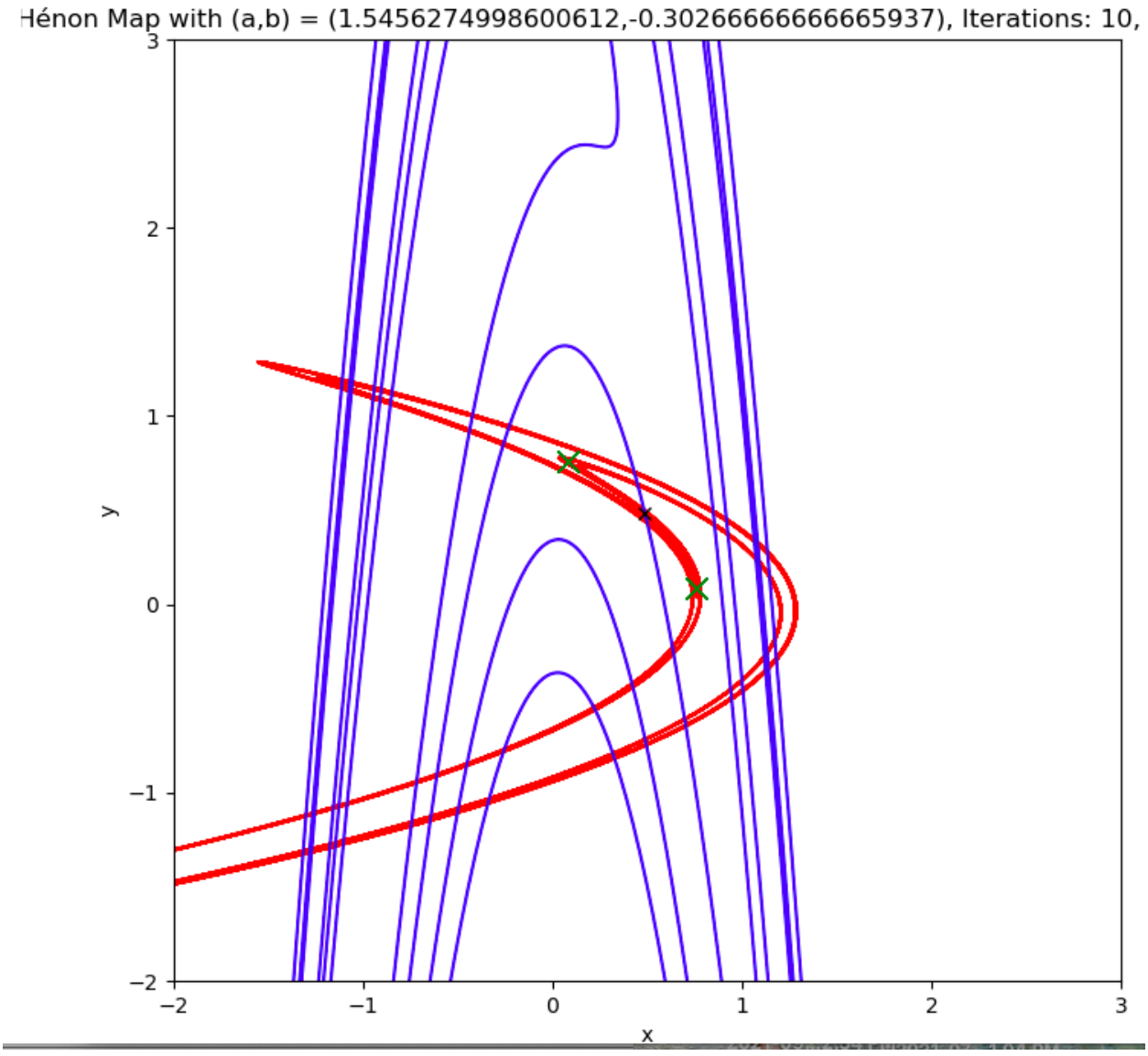
^ trace found to be about 0.9

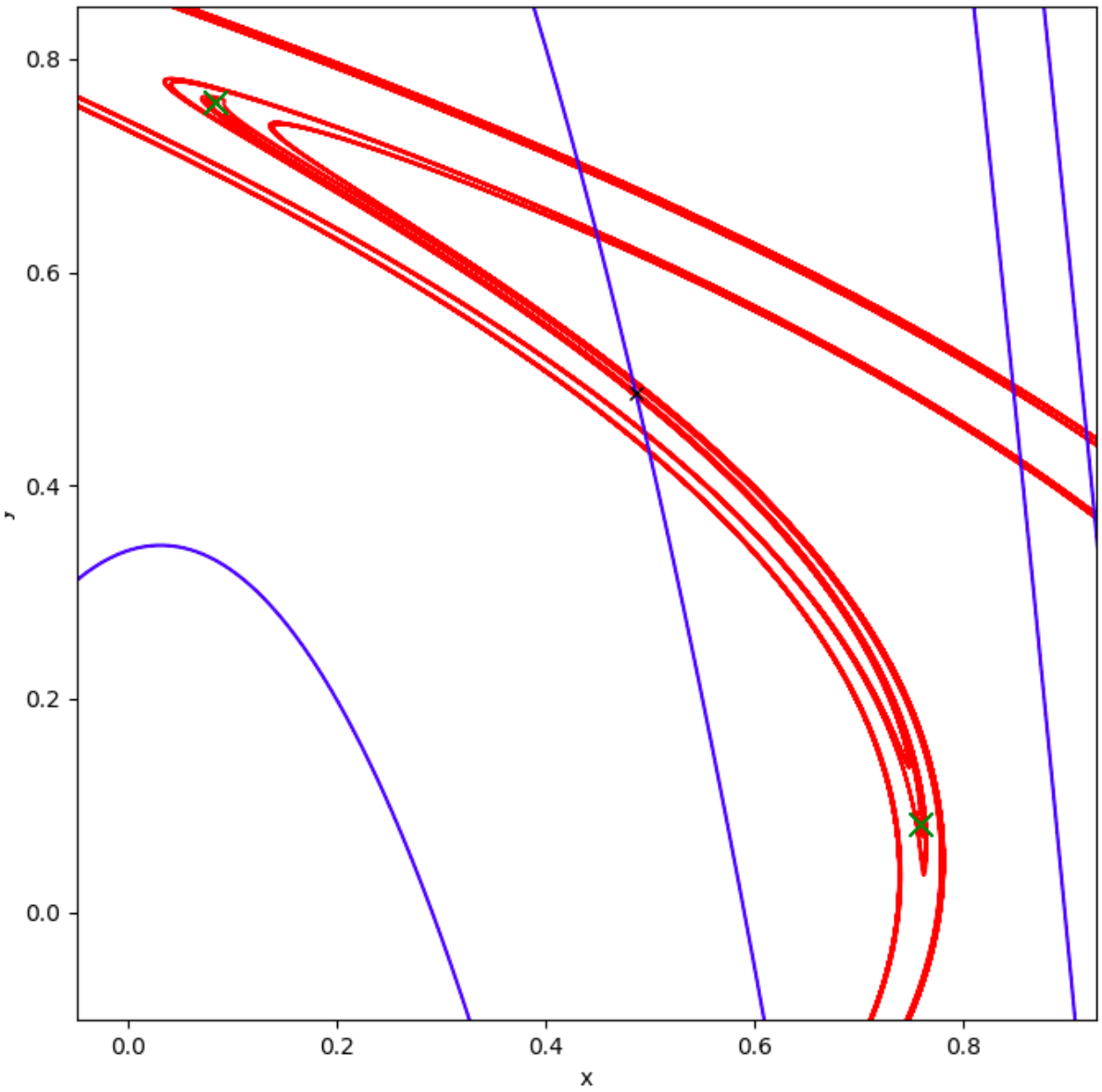
In coordinate space:



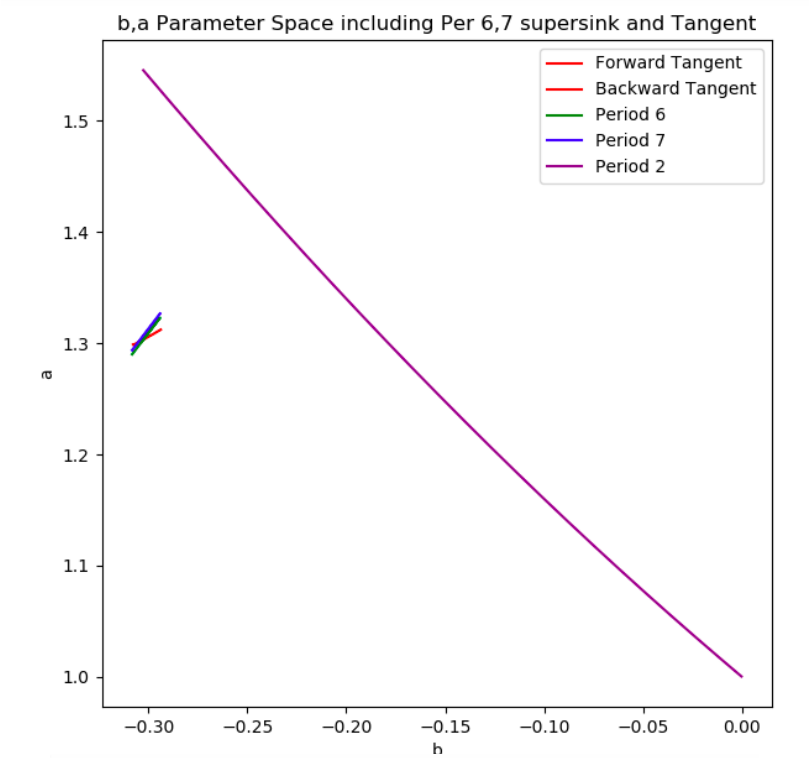


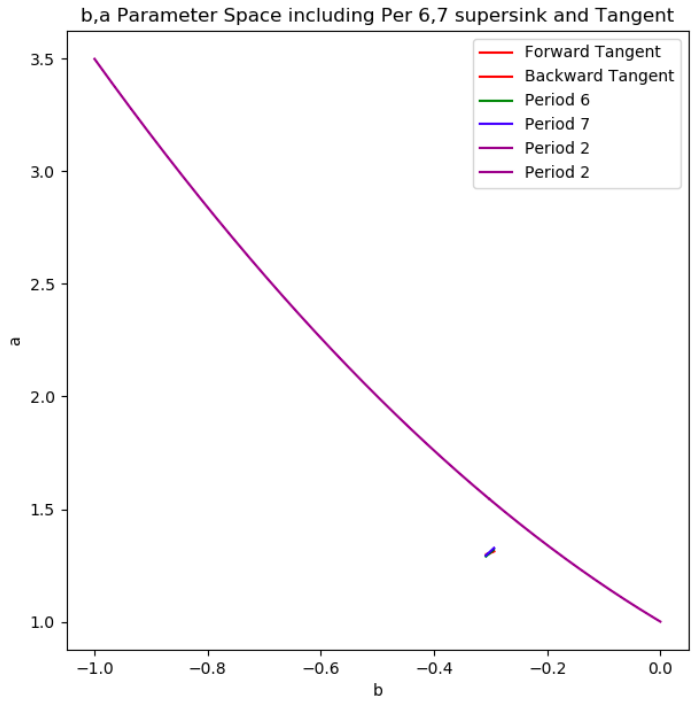
Found a corresponding to supersink with same b value:



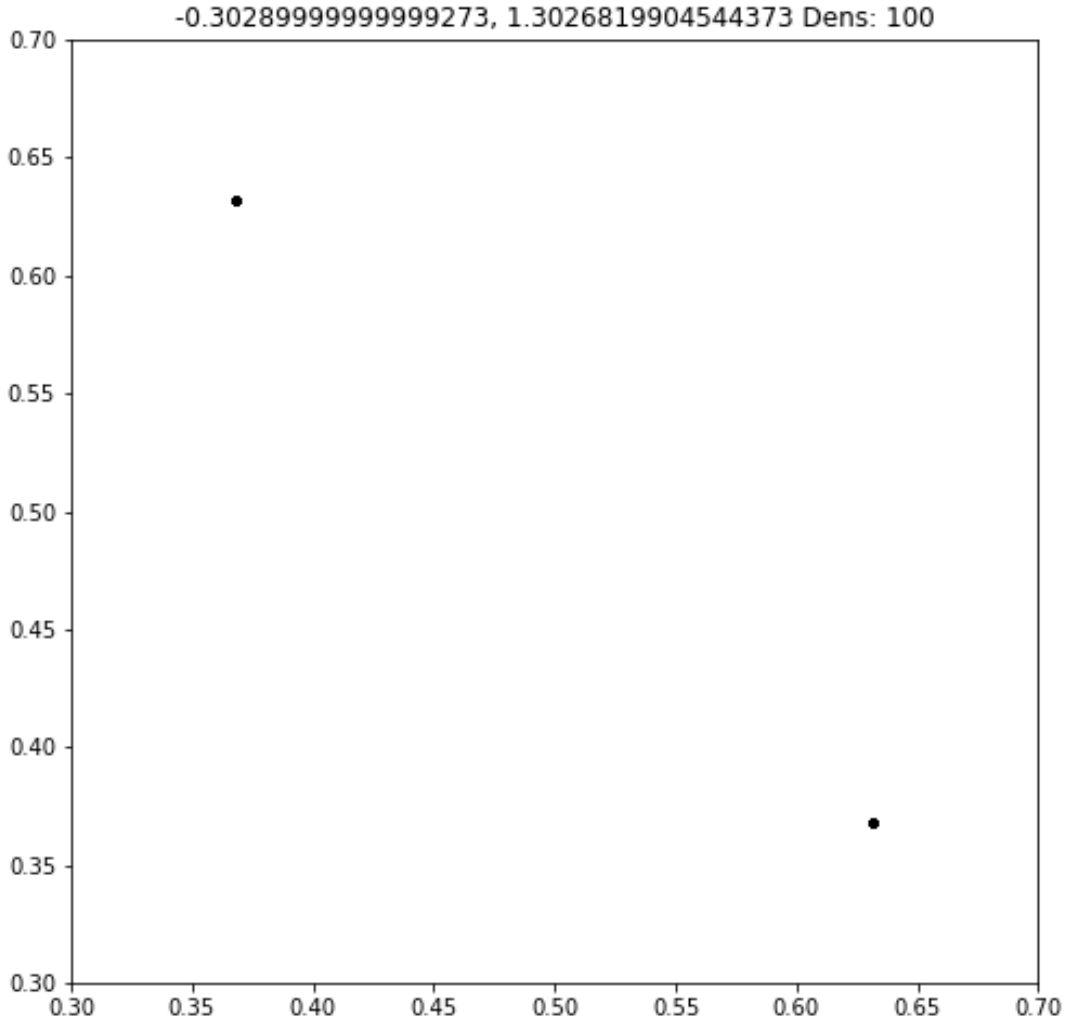

0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
x

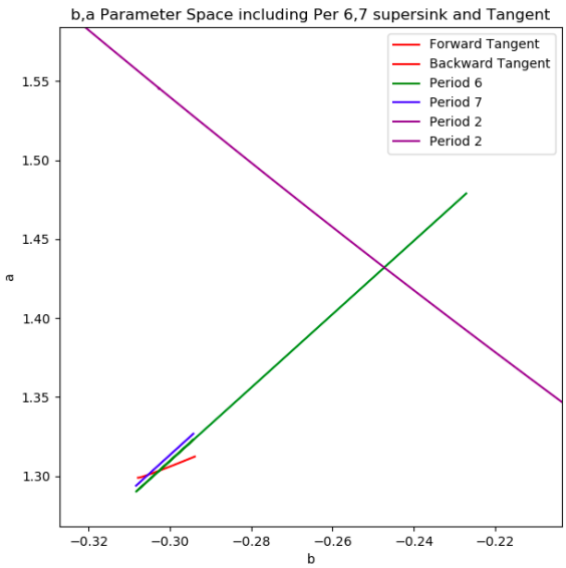
Problem: distance in parameter space



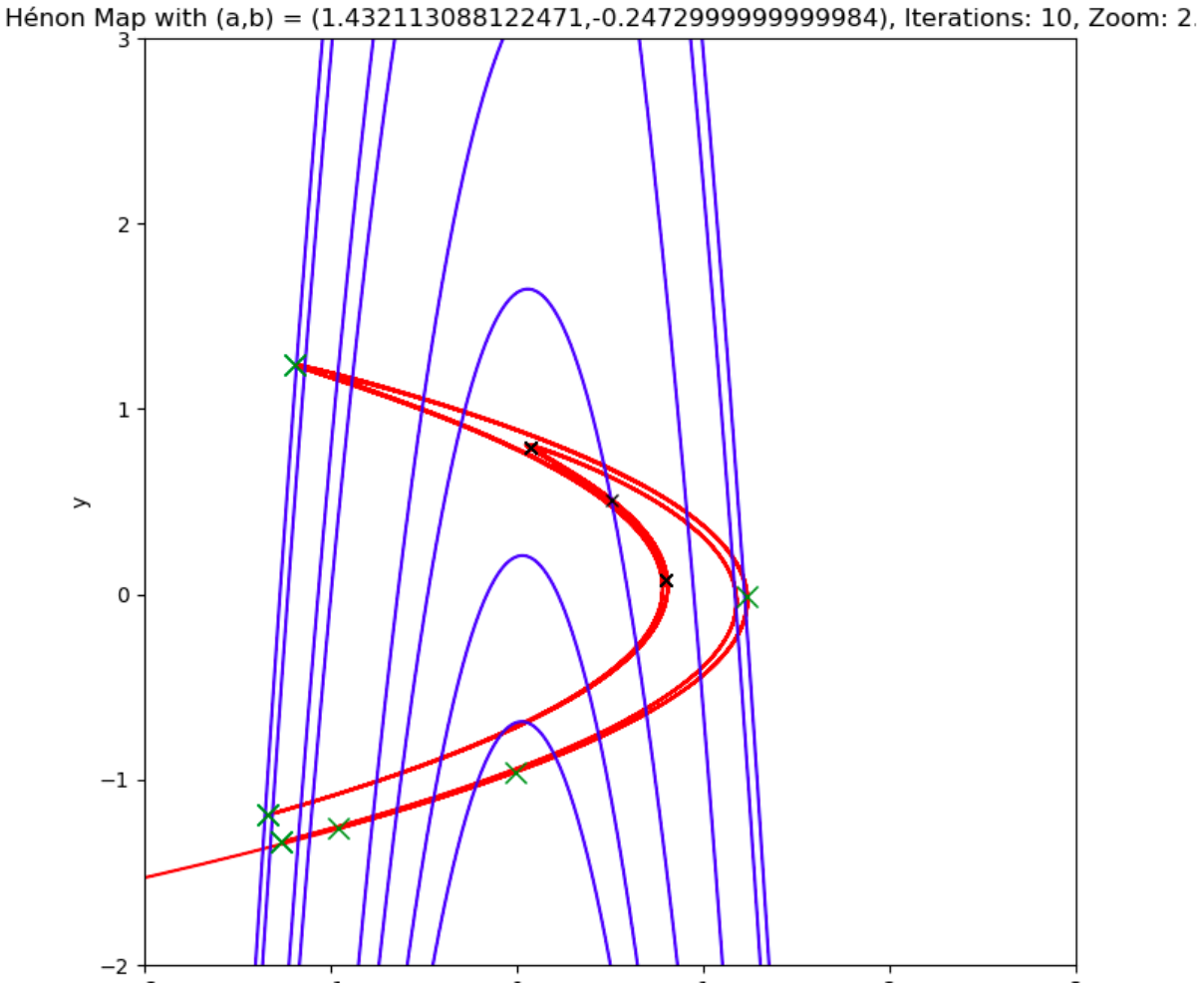


But for the periodic point to still be found around our initial area of interest, there is still a period 2 basin.





At this intersection of supersink curves:



Tangencies to investigate: