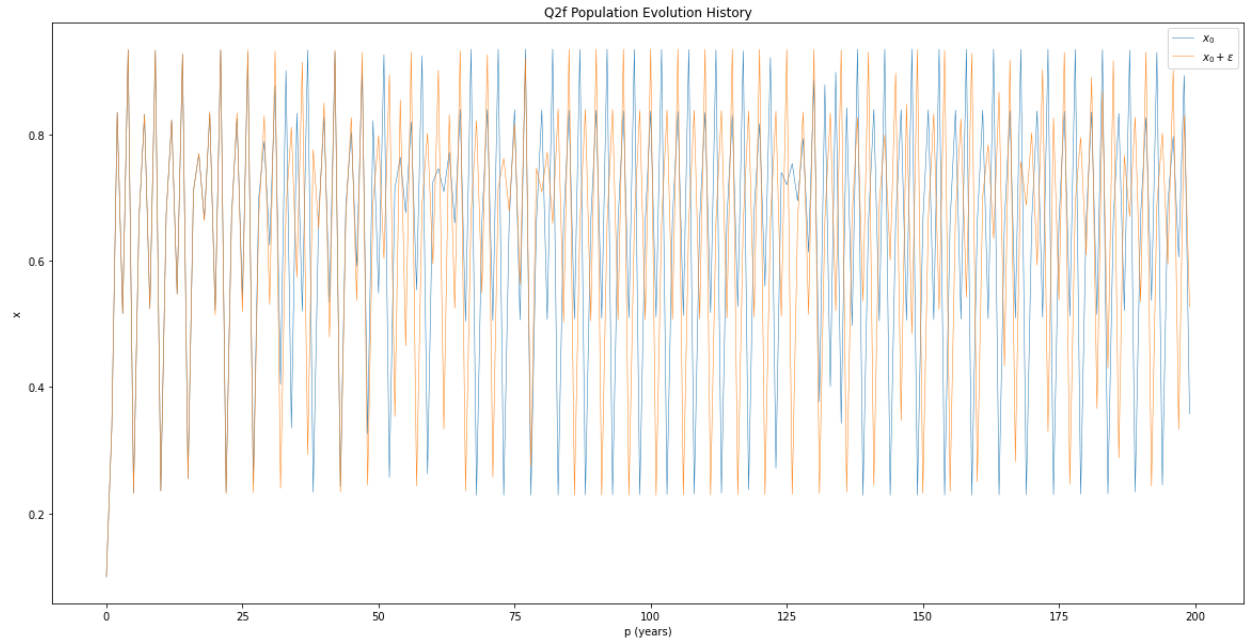


Lab1 Qeustion 2 (f)

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September 14, 2020

1 Plot



2 Comments

In this case, I set $r = 3.738$, $x_0 = 0.1$, $\epsilon \simeq 10^{-5}$, and $p = 200$.

The first p value I chose was 100. At first several iterations, the two plots are almost identical, then they diverge at around 25. However, at around 50 and 75, they tend to converge. So I increased the iteration number to 200 so that I can tell if there is a pattern behind this.