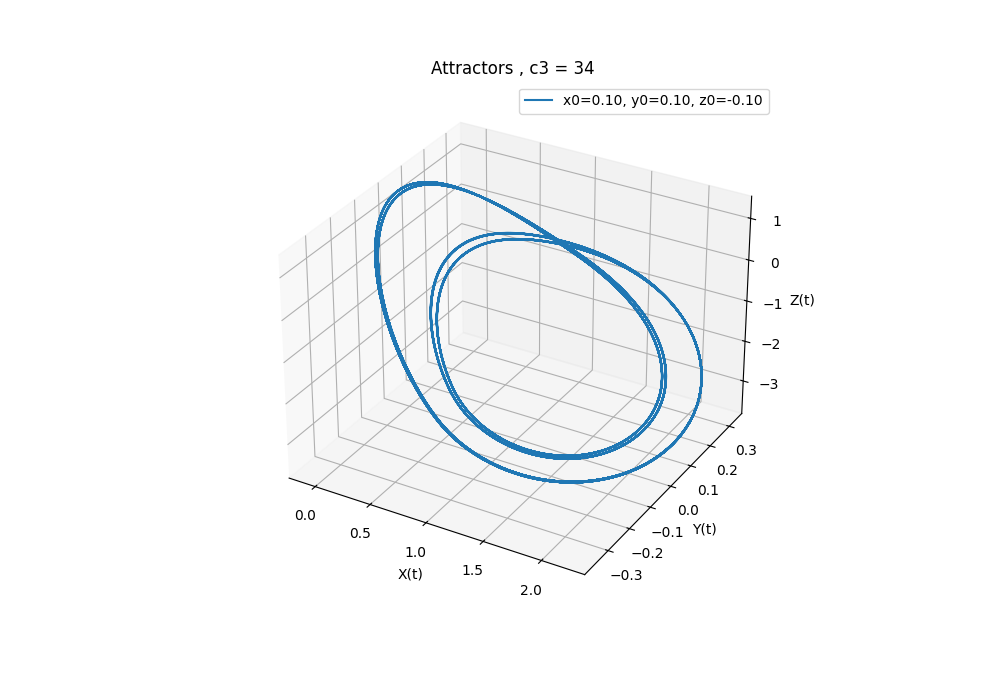
Problem2

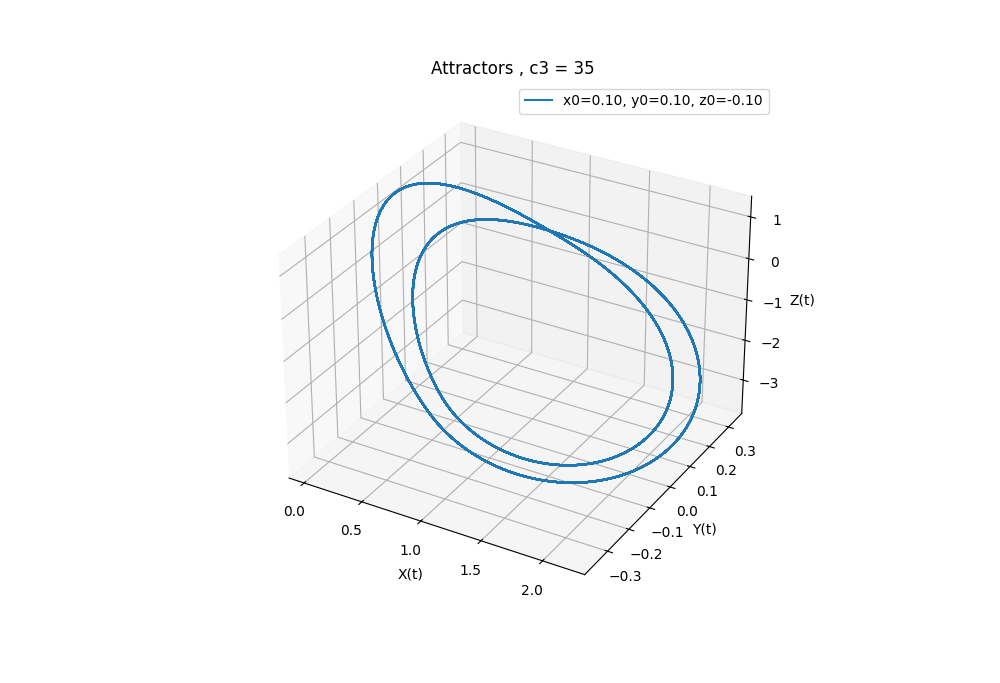
(a)

(b)

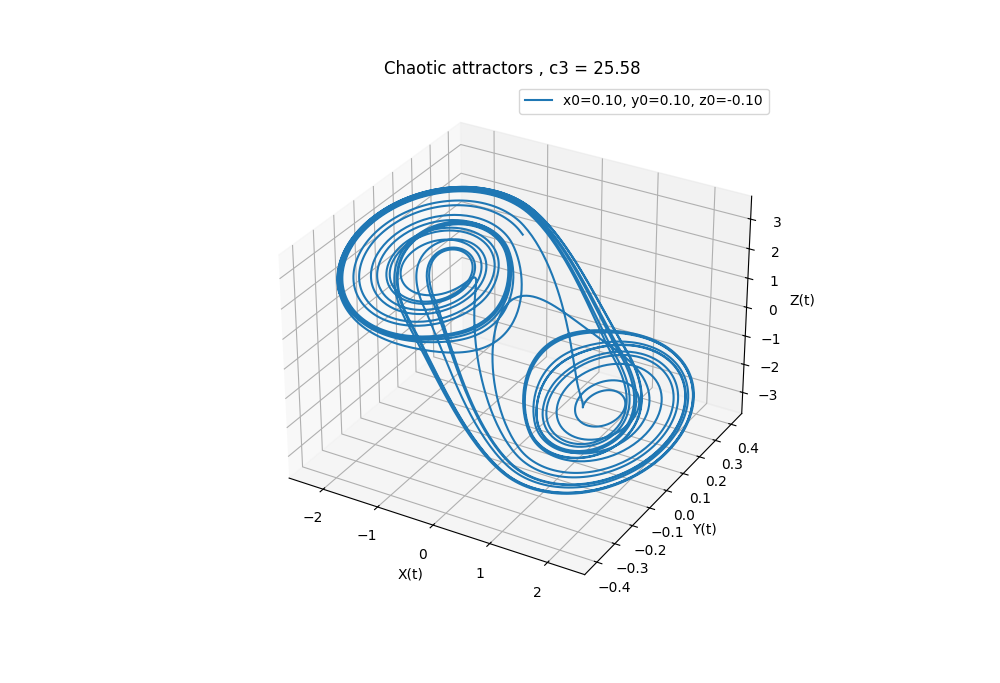
C3=34, we have period 4 solution.



C3 = 35, we have period 2 solution

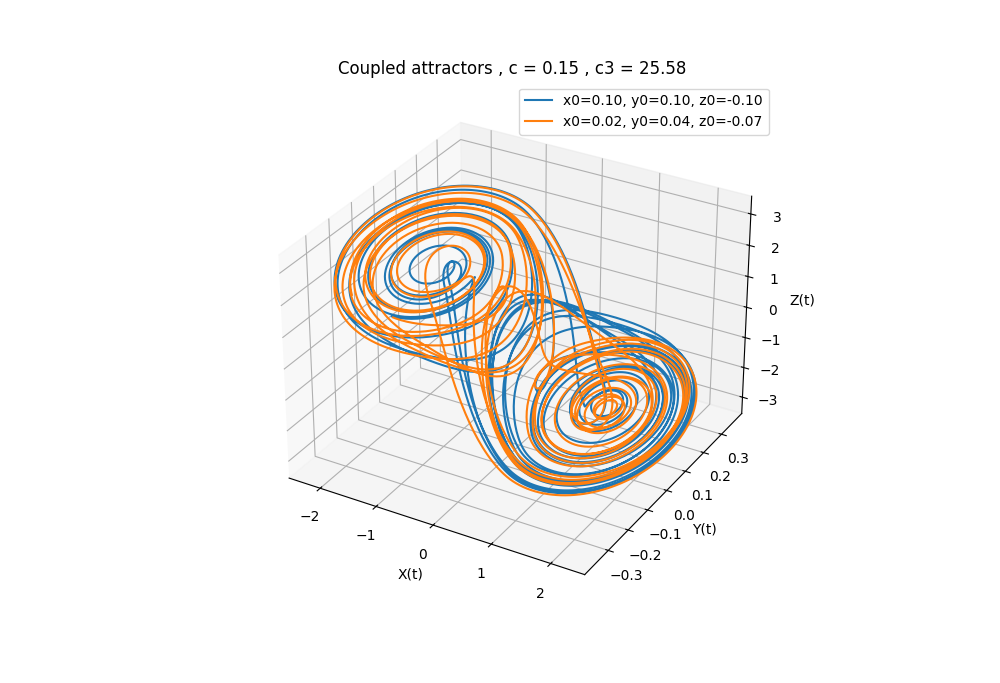


(c) At c3 = 25.58, we can see a chaotic attractor



(d)

If we set coupled coefficient c=0.15, we have two uncorrelated attractors



However, if c=0.3, the two attractor orbits start to synchronize (orbits overlap)

