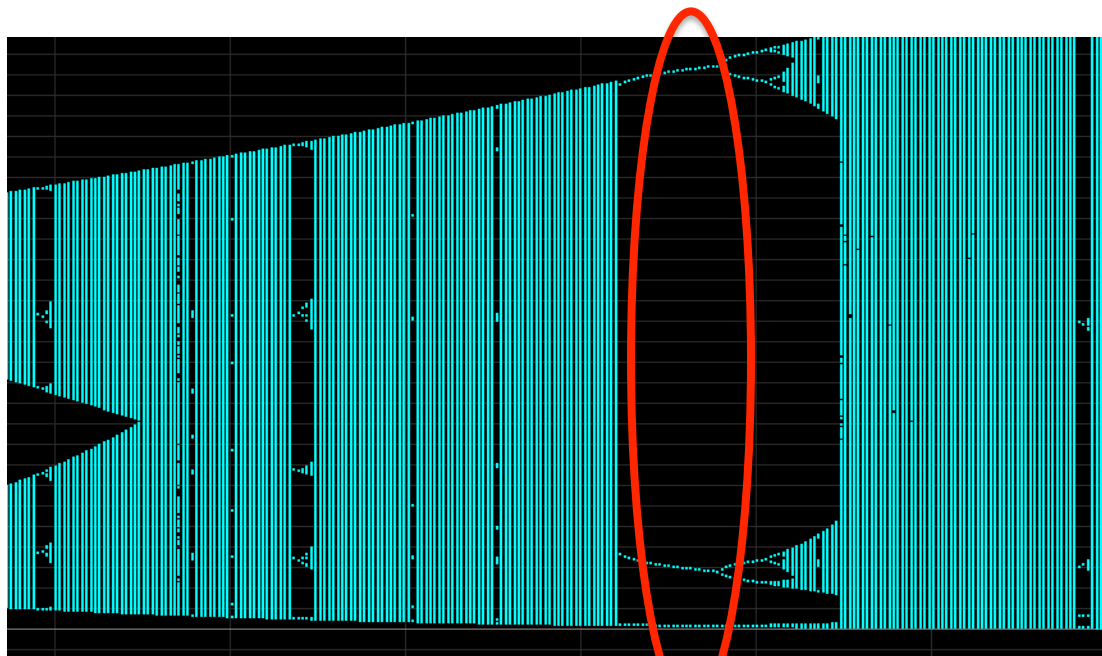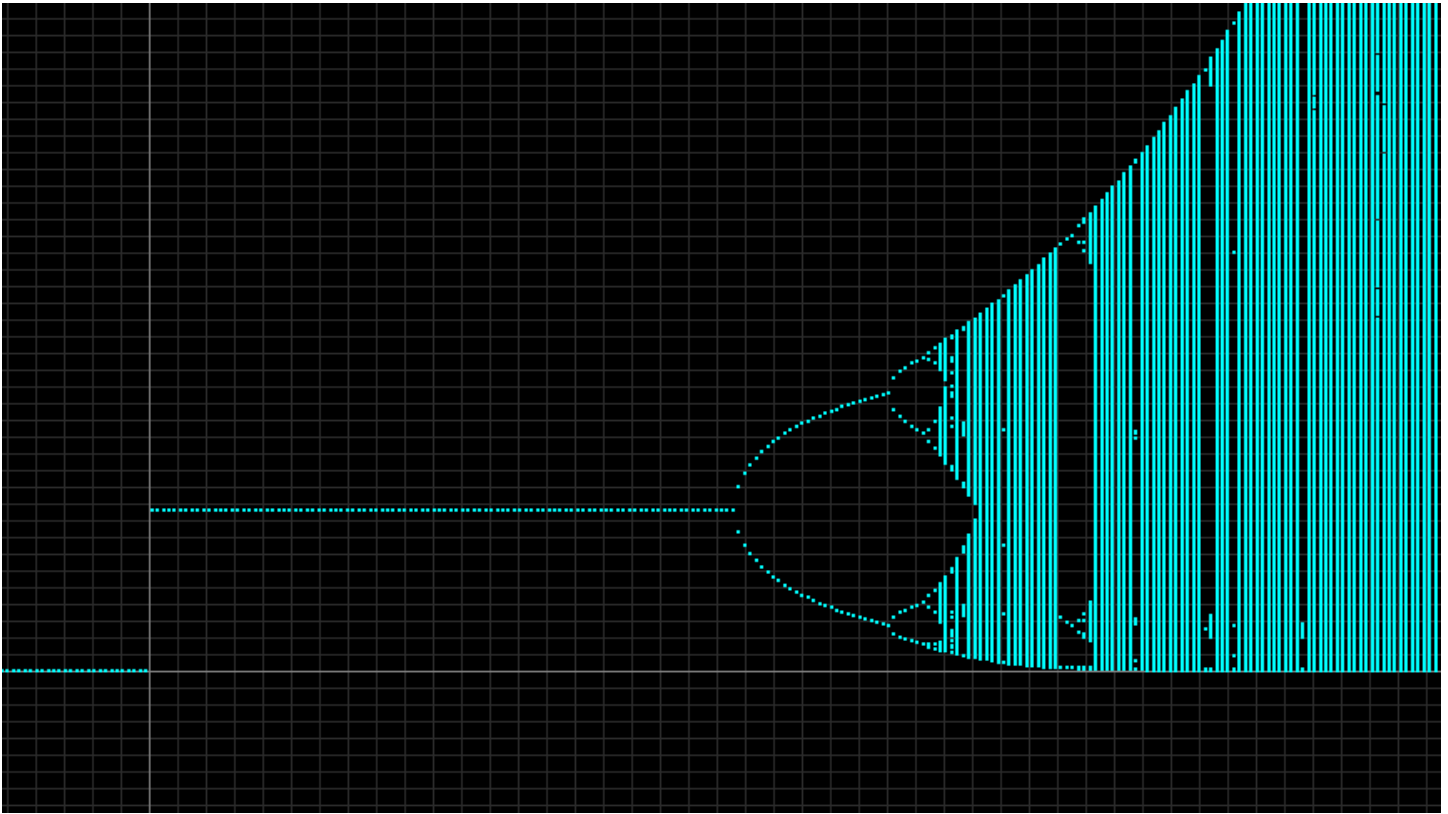- Construct the bifurcation diagram of of the Ricker MAP by fixing k = 1, and vary r. (see Figure 5 on the link above.) Locate a value of r for which the map has a periodic orbit of period 3. What are the values of the population size on this orbit?

    Population Size: 3.1

- For which value of r this period-3 solution undergoes a period-doubling bifurcation?

Period 3