BEBI5009 Homework 4 B03901045

$$\begin{cases} \frac{dx}{dt} = ax - bx4 \\ \frac{dy}{dt} = -cy + dx4 \end{cases}$$

There are two fixed points on (5,5) and (3,5)

2-((-a) + ((+a) = 0;C

Double A

(C)

1, and 1 (70

... The point is unstable. This system is oscillating with a period W= NXIXz = Nac