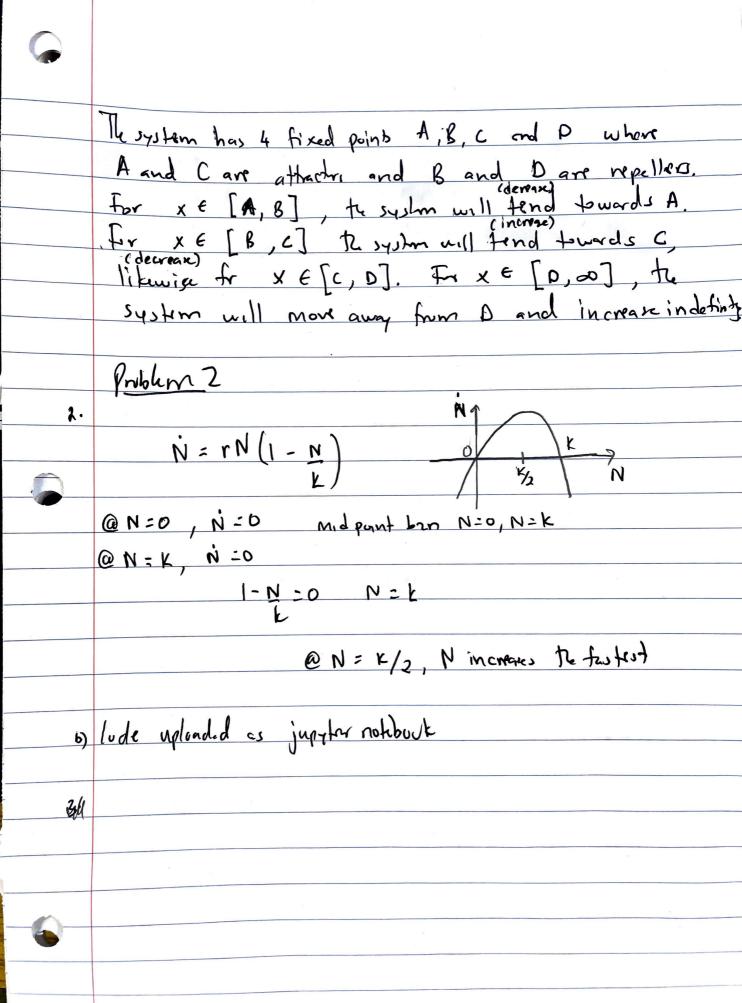
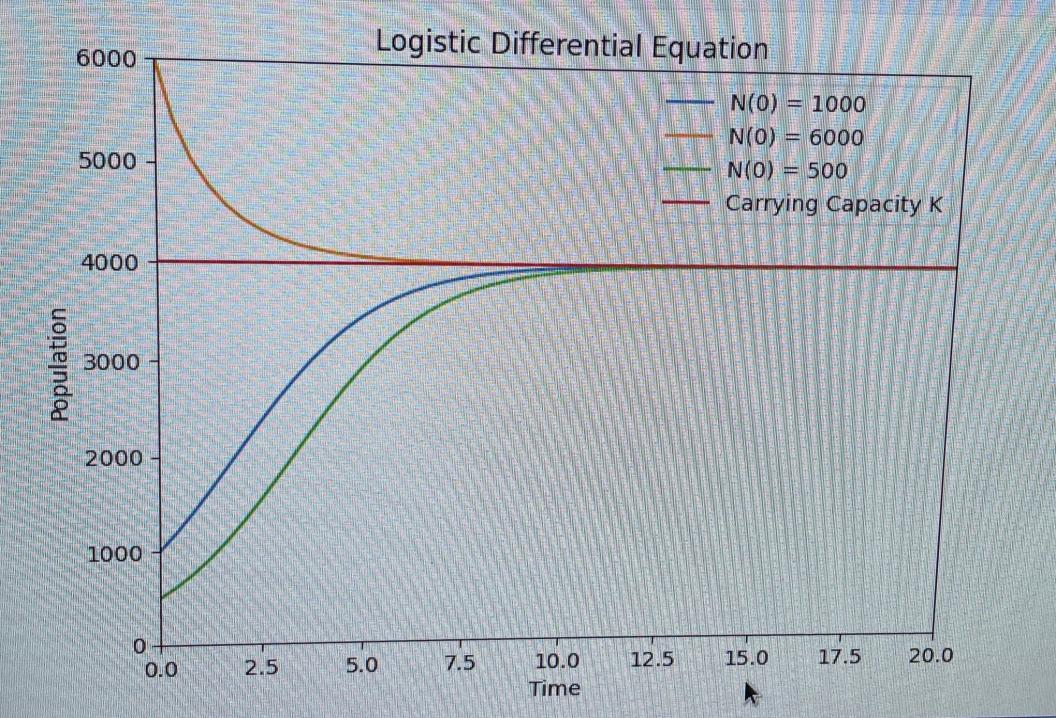
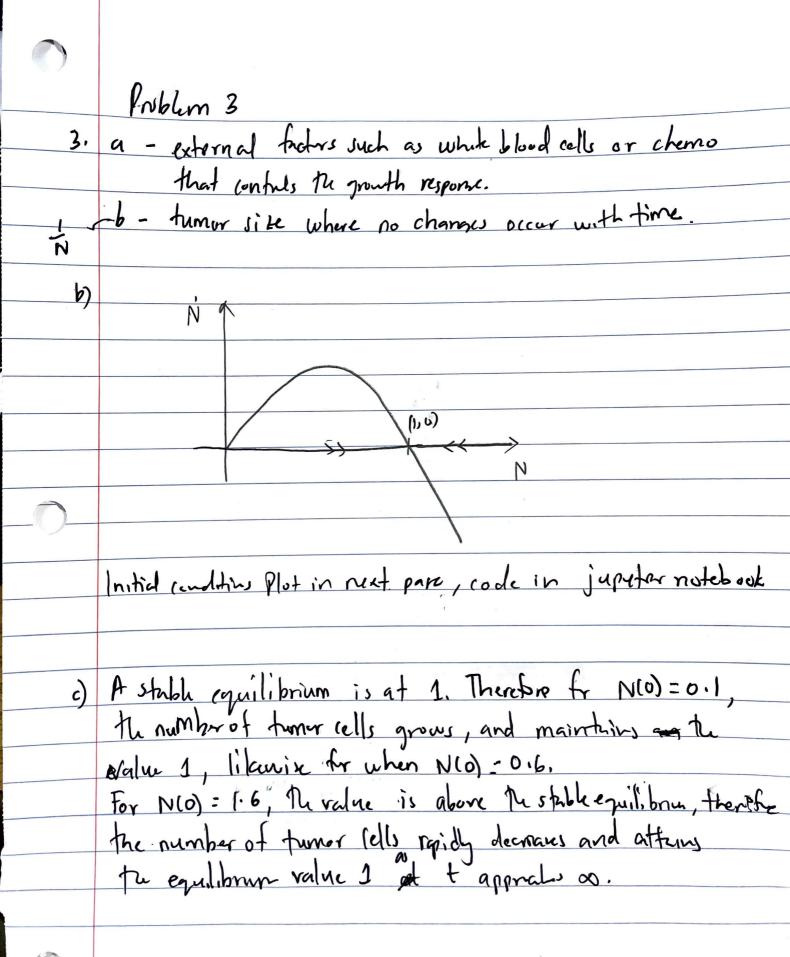


Point A: Attractor B: Repellar C: Attract The system has 3 fixed points A, B and C. An attractor at A, C and a reper repeller at B. It the x is initialized between - 00 and B, it will tend two ards A, where between - a and A it will increase and be tween A and B it will decrease, If the system is initialized between B and +00 it will find towards c, with it increasing between B and C and decreasing between C and too. In all cases, between A and C, the system moves away from C with decreasing betreen A and B and in aray belown Band C x = ex - (0) x A - Attract D - Repeller B - Repellar C - Atract







Problem 4 All appor to be possible trajectories anising from The dynamical system. They are initialized D and C increase to approach 1, and try are initialized where xx0, B and A decree to approach I, and thy are instialized when i <0.

