

Math 36 — Daily Homework

Assigned: 10/1

Due: 10/4

1. For the following payoff matrices, determine the population dynamics (identify all equilibrium points, the stability of the equilibrium points, and how the population changes between equilibrium points).

(a)

		Player 2	
		<i>A</i>	<i>B</i>
Player 1	<i>A</i>	1	0
	<i>B</i>	0	1

(b)

		Player 2	
		<i>A</i>	<i>B</i>
Player 1	<i>A</i>	0	1
	<i>B</i>	1	0

(c)

		Player 2	
		<i>A</i>	<i>B</i>
Player 1	<i>A</i>	2	0
	<i>B</i>	0	1