

Problem 21

Thursday, March 25, 2021

4:23 PM



Find all pure strategy Nash equilibria of the following game in which Alice chooses the row (first payoff in each cell), Bob chooses the column (second payoff in each cell), and Charlie chooses the table (third payoff in each cell). (Row, column, table)

Table 1

		Bob	
		Left	Right
Alice	Up	0, 1, 0	1, 1, 2
	Down	1, 2, 3	2, 3, 2

Pure NE

Table 2

		Bob	
		Left	Right
Alice	Up	2, 2, 3	0, 2, 1
	Down	1, 2, 3	0, 1, 0

Pure NE