

Game Theory – Initial Strategy

Game Theory

Solve the following:

		Cathy	
		A	B
Peg	1	12	17
	2	8	16

Peg will pick strategy _____. Is there a dominate strategy for Peg?

_____ Cathy will pick strategy _____. Is there a dominate strategy for Cathy?

_____ The initial game value is _____. Is there a pure strategy? Yes or No

Initial Strategy

Using maxi-min and minimax, determine if there is a pure strategy for the following example, please show your work.

		Cathy		
		A	B	C
Peg	1	12	9	14
	2	6	11	16
	3	2	5	13

Can the game be reduced using dominance?

What is Peg's initial strategy?

What is Cathy's initial strategy?

What is the initial game value?