

12.1 Strictly Competitive Games

Saturday, October 17, 2020

5:42 PM

Zero Sum Game \rightarrow all payoffs add to zero

	L	R
L	0,0	1,-1
R	-1,1	0,0

Secure strategy / security strategy \equiv maxmin

	L	R
L	-1,1	1,-1
R	1,-1	-1,1

maxmin guarantees highest possible expected payoff as a worst outcome

maxmin \rightarrow NE

	L	R	
U	2,3	1,1	NE sec
D	0,0	3,2	sec

Non-strict comp

SS not a "solution"

	L	R
U	2,3	0,1
D	1,2	2,0

sec

L dom R
U dom D

U,L is only rationalizable