

## 22.1 Repeated Games - Finite Repetitions

Saturday, November 7, 2020

5:11 PM

		B		
A	1/2	L	C	R
	U	6, 6	0, 7	0, 1
	M	7, 0	3, 3	0, 1
	D	1, 0	1, 0	1, 1

T Reps

D, R for all T is a SPE

M, C all T is also

T MC

T-1 MC

T-2 MC



unravels b/c Promise MC @ T is not credible

Ann:  $t=1, u$   
 $t=2, \dots, T-1, u$  if Bob has Played L up to then

$t=T, m$

Else, D

Bob same

D, D  $T \rightarrow (m, c)$

SPE

Bob at  $T-1 \rightarrow 6+1$

$T-1$

$6+3 > 7+1$

$9 > 8$

$T-2$

$6+6+3 > 7+1+1$

$15 > 9$