

Passed Salution review

Find conditions on the discount factor under which cooperation can be supported in the infinitely repeated games with the following stage games.

1 2	C	D	1 2	C	D	1	C	D	
C	2, 2	0, 4	C	3, 4	0, 7	C	3, 2	0, 1	
D	<mark>4</mark> , 0	1,1	D	5 , 0	1, 2	D	<mark>7</mark> , 0	2, 1	
	(a)			()	b)		(c)		

Use the grim-trigger strategy profile.

- a) 2 34+ I J J 5 2 2/3 Game is symmetric sa & is the
- 5) Player 1:3/1-5 25+5/1-5 7521/2 Player 2:4/1-8 2 (7-2)+2/1-8 2 5 3/5 7 73/5
- 8 Player 1:3/1-8 = (7-2)+2/1-8 = 8 24/5 Player Z: C,C is already good, no reason to deviate