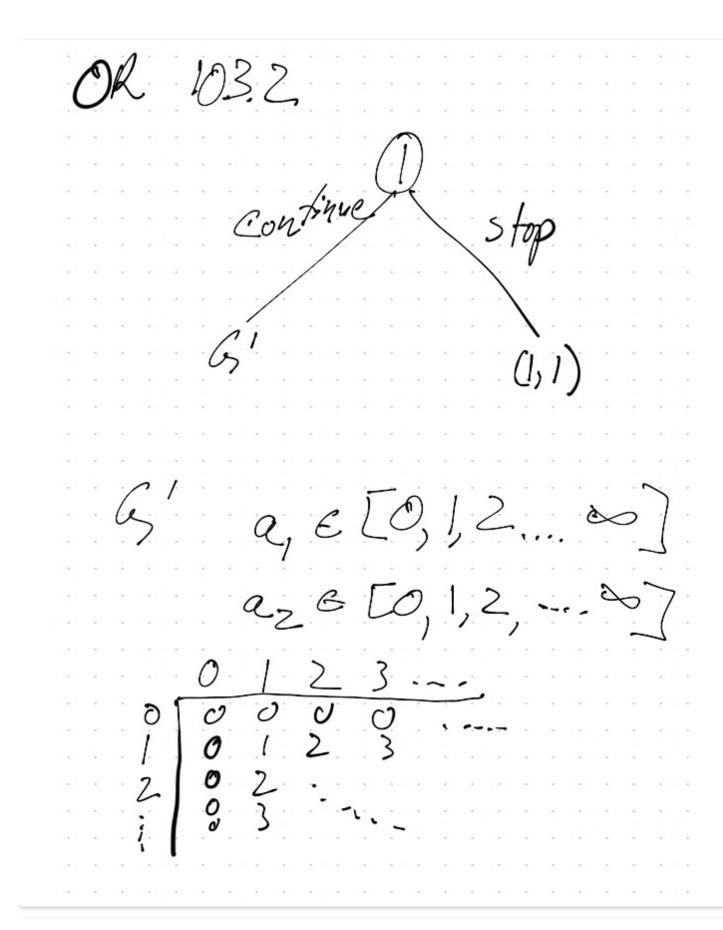
Osborne-Rubinstein103.2



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ay equilibrium with an az=(u, n). 4 cases to check: Da, = a, =0 (2) a, =0, az = m>07 idanted (3) az =0, a, = n >05 idanted @a,= n70, a2 = m70 First check 4, then 213, then

 $(\mathcal{E}) u(a_1 = n) = nm$ $\leq u(a' = n+1)$ = (n+1)m

$$Qu_{i}(a_{i}=0) = Q \cdot (m=0)$$

$$= Q$$

$$u_{i}(a'=h) = n \cdot Q$$

$$= Q$$

$$u_{i}(a_{i}=0) \geq u_{i}(a'\neq 0)$$

$$\times$$
Same for $u_{i}(a_{i},a_{i}) \neq 0$

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the unique NE of this subgane. Now back to the whole game

For an interesting aside, note that it we change

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a fare a new NE in G; ay=ar=16, u; (15)=152

We can use CE or something similar to pick this (UE, =)

Continue 3for (1,1)

=> 2(confine, 15), (K) = 3 is also a SPNE

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