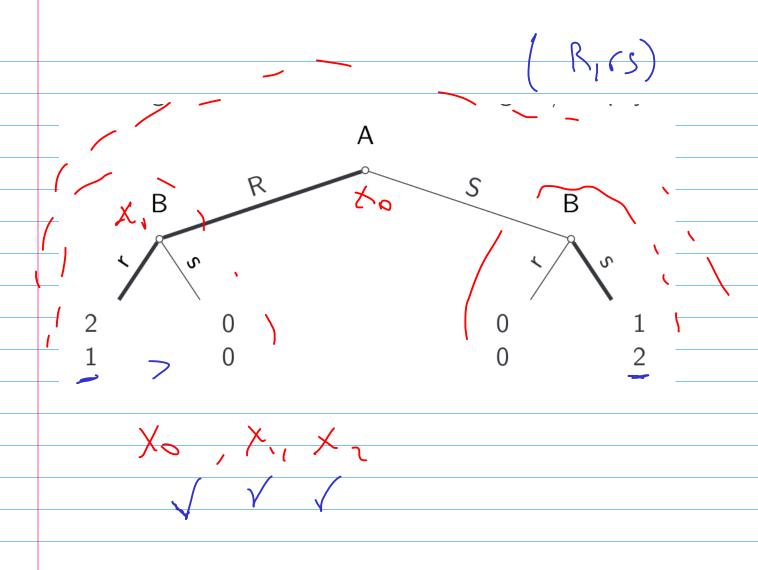


Backward induction B to play -> Choose highest payoff for B A to play -> Choose highest payoff for A



To verify that a NE is subgame perfect using the definition, one needs to check that a NE is played in all subgames:

- overall game (x0 and descendants): (R, rs) is a NE
- x1: B maximizes his/her payoff by playing $r \rightarrow NE$
- x2: B maximizes his/her payoff by playing s -> NE