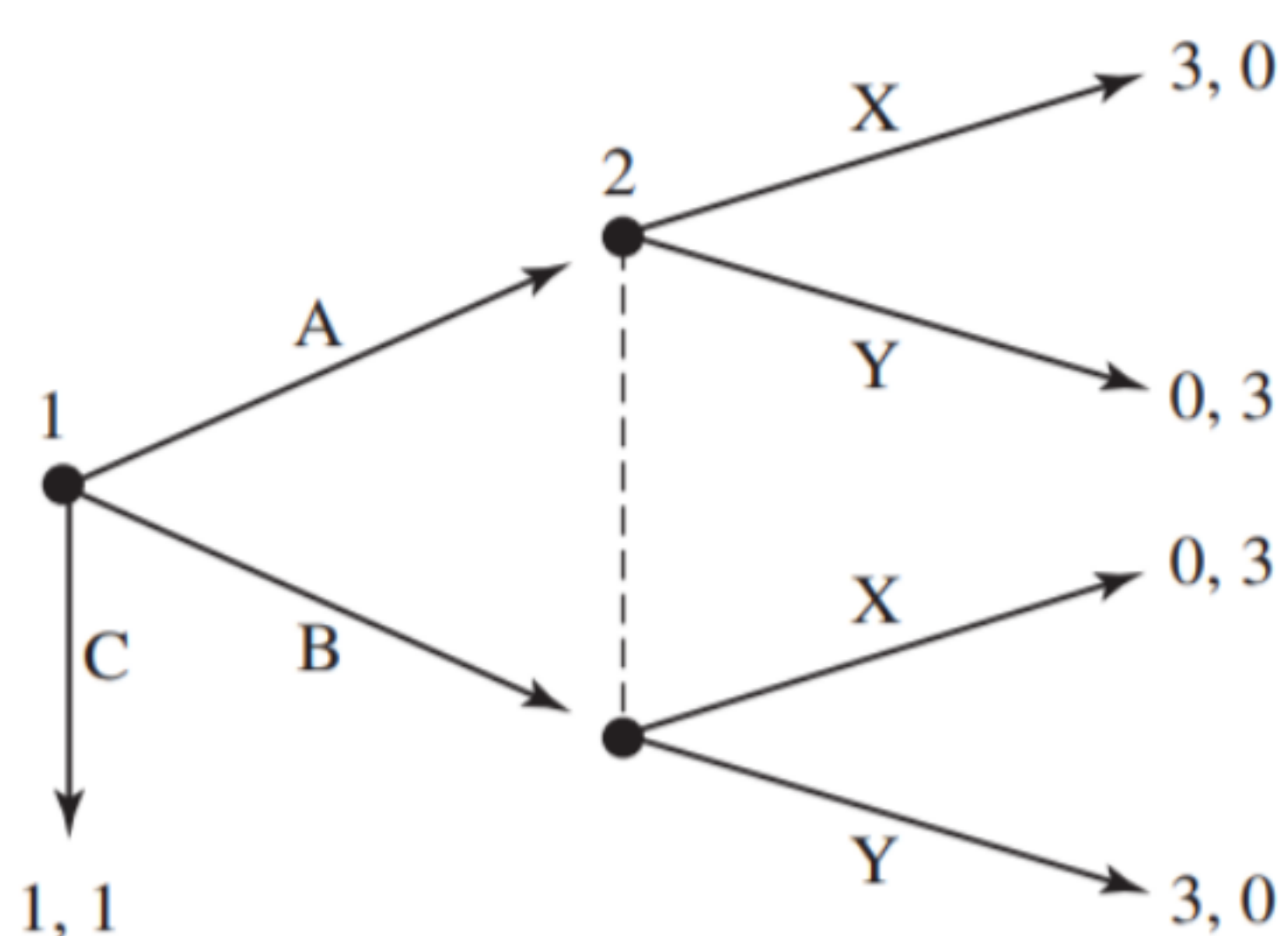


6. In the game pictured here, is it ever rational for player 1 to select strategy C? Why?



IF Player 1 wants a guaranteed payoff, they would choose strategy C.

But, mathematically, they would choose A or B because the expected payoff value is 1.5

$$A_X = B_Y \text{ + } A_Y = B_X$$

B) eliminating C, a mixed strategy generates 1.5