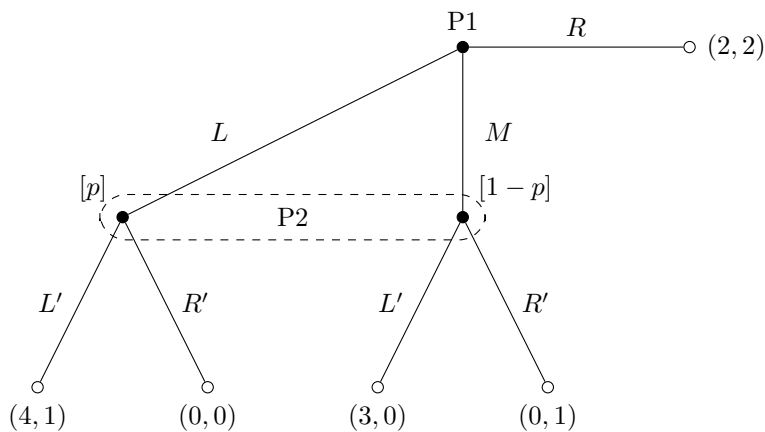


Game Theory

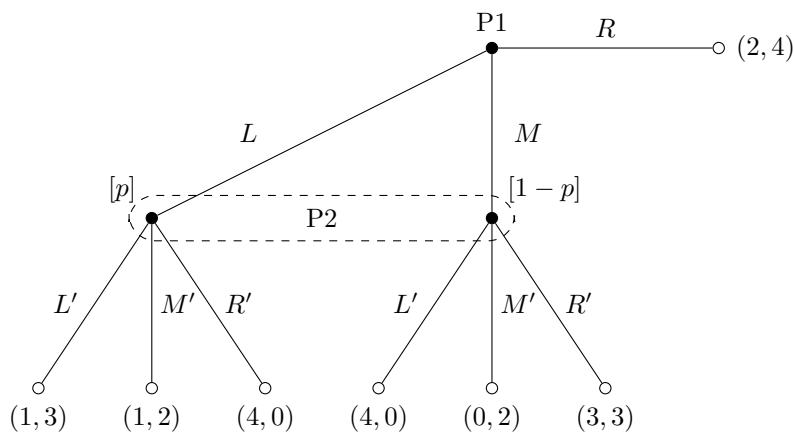
Assignment 4

Question 1: Gibbons 4.1 In the following extensive-form games, derive the normal-form game and find all the pure-strategy Nash, subgame perfect, and perfect Bayesian equilibria.

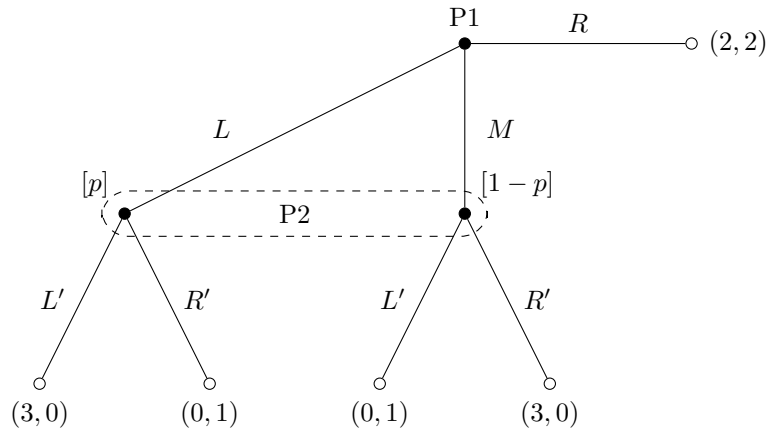
a.



b.

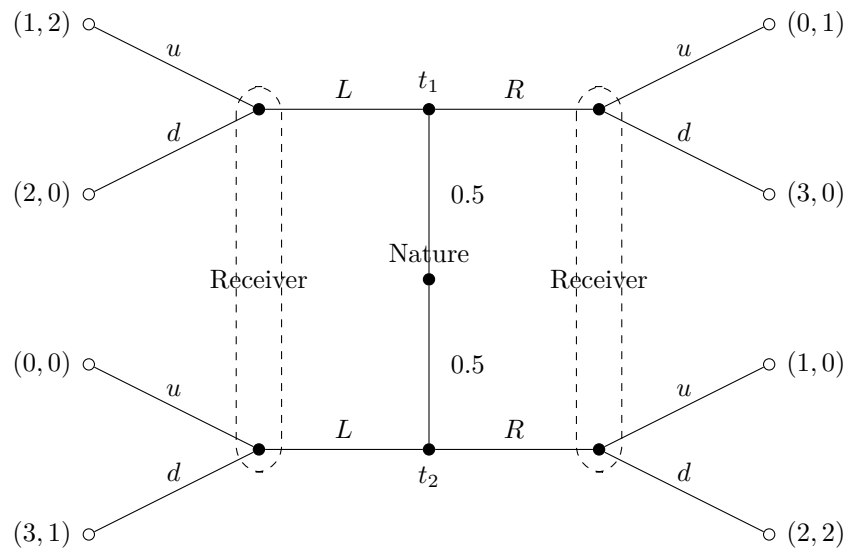


Question 2: Gibbons 4.2 Show that there does not exist a pure-strategy perfect Bayesian equilibrium in the following extensive-form game. What is the mixed-strategy perfect Bayesian equilibrium?



Question 3: Gibbons 4.5 Find all the pure-strategy perfect Bayesian equilibria of the following games.

a.



b.

