

EC 330 2009

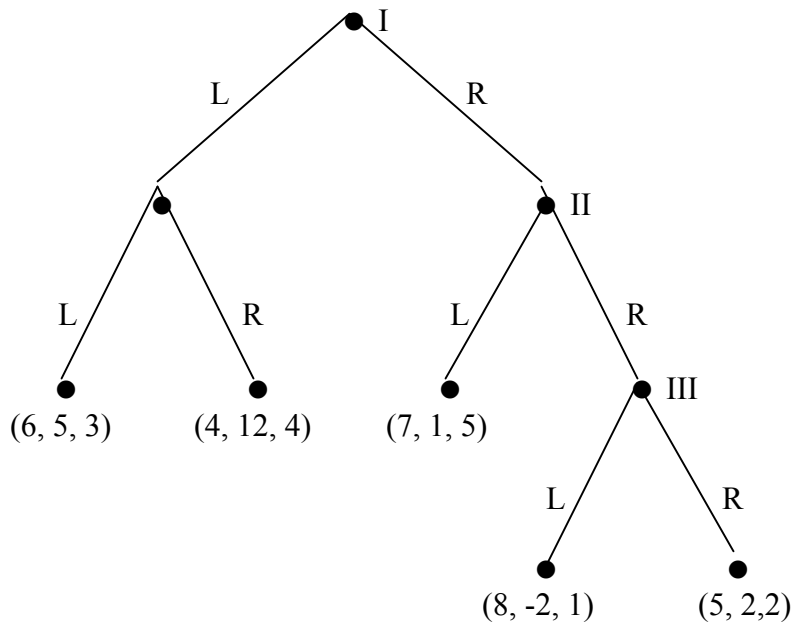
Exam practice questions on conversion of extensive to strategic form

You should do prepare for the exam *in part* by doing the following questions. (They make up for the fact that you had no homework assignment that made you put extensive form games on matrices.) I'll post solutions by the evening of Sunday, April 26. In case you don't understand the solutions, you're encouraged to form study groups to try to sort out your problems. If your study group gets stuck, I'll be available by telephone on Tuesday April 28 between 11 pm and 3:30 am. I should then have a second window of telephone availability – if my plane leaves and arrives on time – on Wednesday April 29 between 9 am and 11 am. Use 205 396-9071. If you call and don't get an answer, or get voice-mail, or get a busy signal, wait a bit and call back – I can't answer if I'm in the air. (Apologies for the strange times. I'll be traveling between South Africa and the US.)

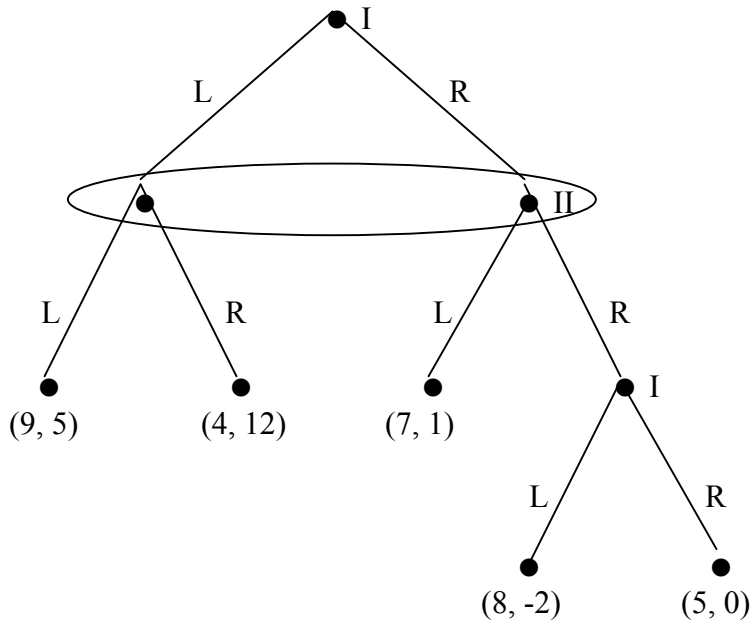
For each of the following games

- show the strategic form
- write down all NE
- write out all NE outcomes (Remember: it's possible that a game might have no NE in pure strategies; in that case just answer by saying 'The only NE are in mixed strategies'.)

1.

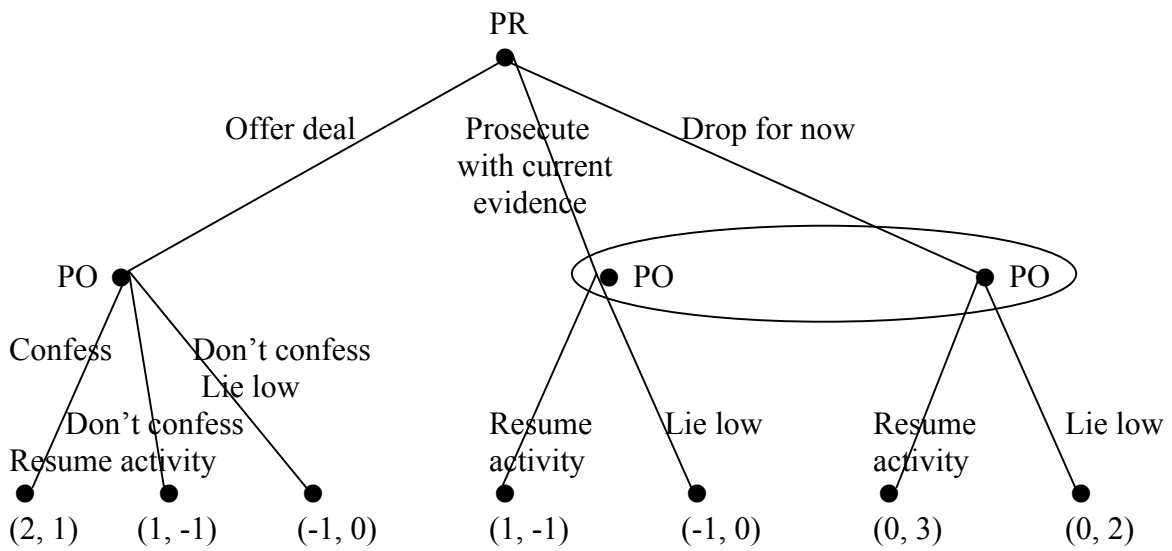


2.

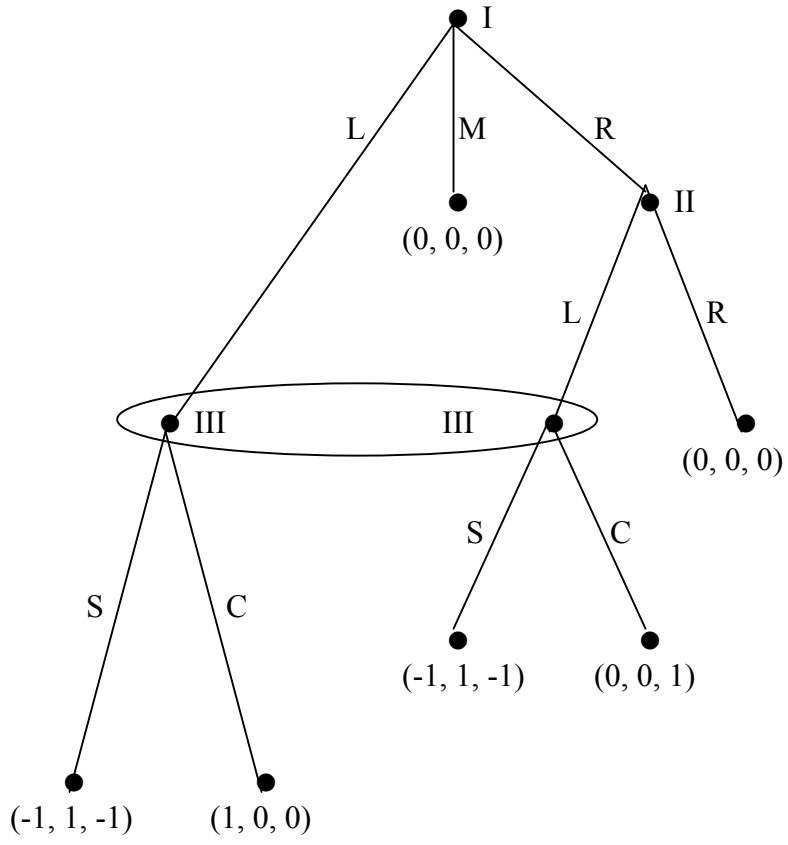


3.

Here is a game between a corrupt politician (PO) and a prosecutor (PR) who has some evidence on her:



4.



5.

