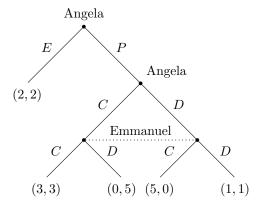
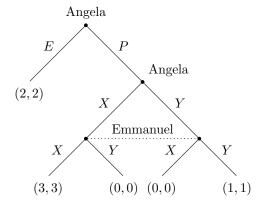
# Subgames

Phil 444, January 25, 2018

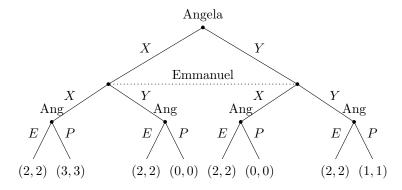
### Game 1



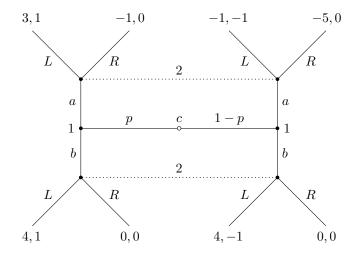
### Game 2



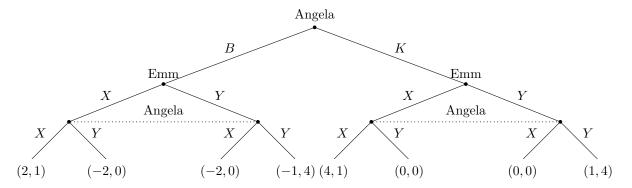
### Game 3



## Signalling Game



#### **Money Burning**



|        |    | Emmanuel |       |                               |       |
|--------|----|----------|-------|-------------------------------|-------|
|        |    | XX       | XY    | YX                            | YY    |
| Angela | BX | 2, 1     | -2, 0 | 2, 1                          | -2, 0 |
|        | BY | -2, 0    | -1, 4 | -2, 0                         | -1, 4 |
|        | KX | 4, 1     | 4, 1  | 0, 0                          | 0, 0  |
|        | KY | 0, 0     | 0, 0  | 2, 1<br>-2, 0<br>0, 0<br>1, 4 | 1, 4  |

Note that I'm simplifying here; Angela has 8 strategies, but I'm not distinguishing between strategies that differ only in what she does in moves she has ruled out. This doesn't change anything (I think) in this game.