

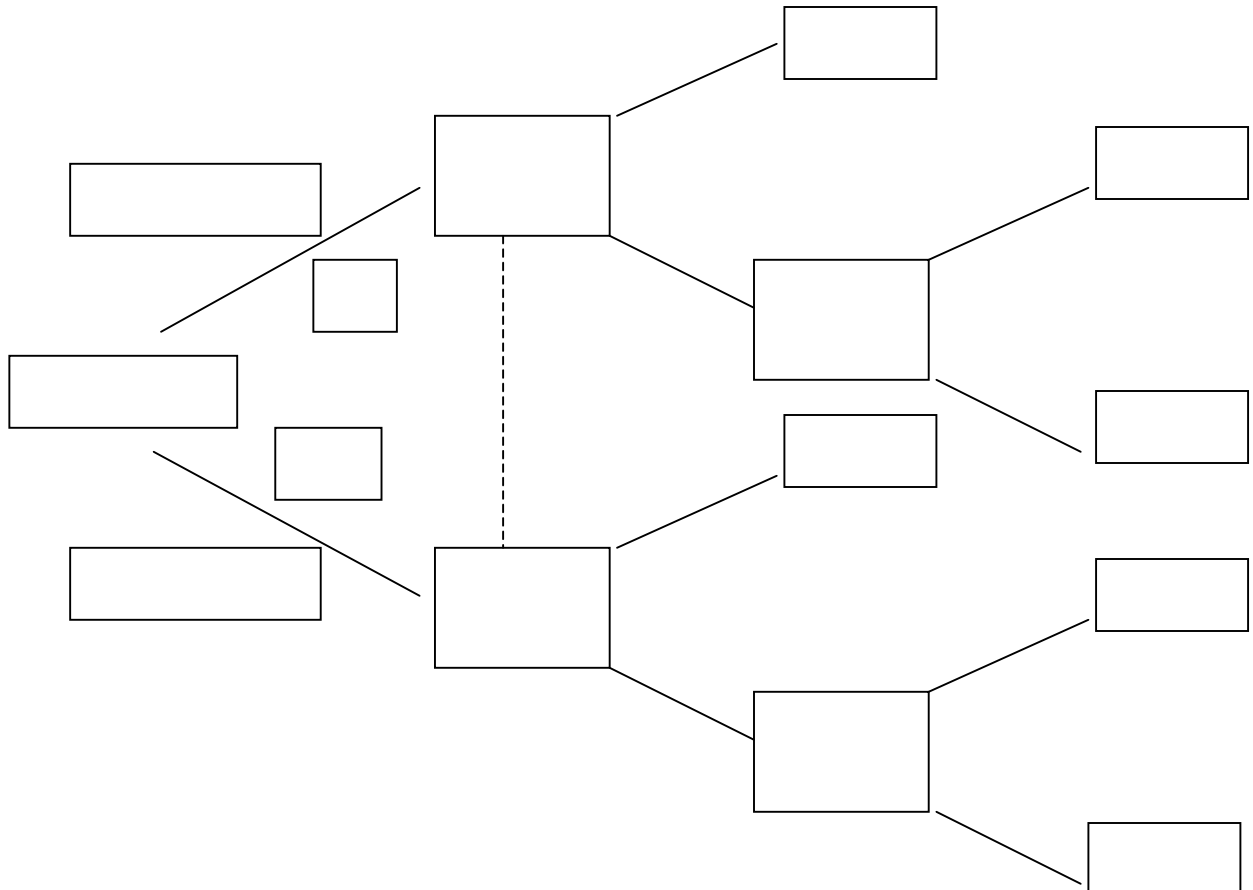
PS 160 Intro to World Politics
Games with Uncertainty I

Working with a partner, use the story given below to fill in the game tree. Label all actors, branches and payoffs of the tree correctly. Then solve for the critical value of p and interpret your results. Turn in this page when complete.

The Jerry Springer Game

Chris and Pat are having a relationship, and Chris comes to believe that Pat has been unfaithful. Chris must choose to *confront* Pat with the allegation, or *do nothing*; Pat will then choose to *end* the relationship or *stay and distrust* Chris.

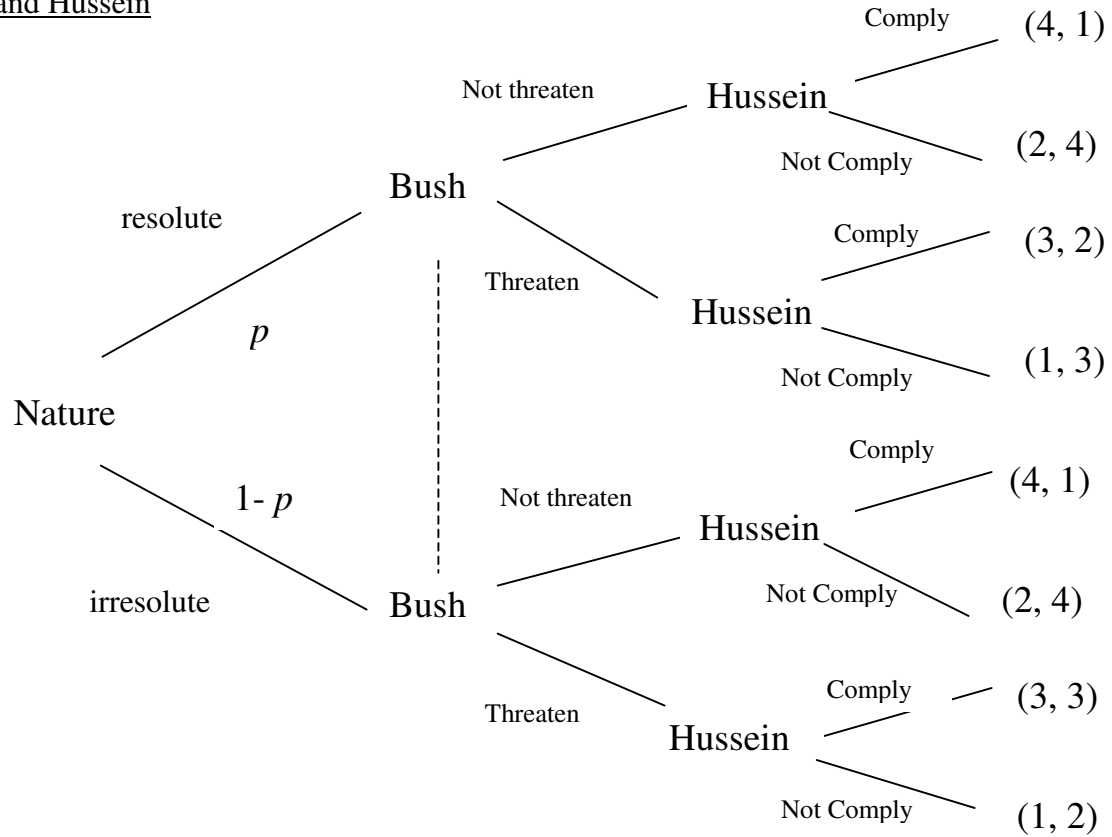
Chris prefers staying in a relationship with some distrust to living with the secret, but prefers breaking up least of all. Unfortunately, Pat may be one of two types. A *Forgiving* Pat prefers the status quo most, but values the relationship with Chris enough to forgive the allegation rather than break up. A *Vengeful* Pat, on the other hand, would rather be out of the relationship than stay with someone without trust or stay with someone who is suspicious.



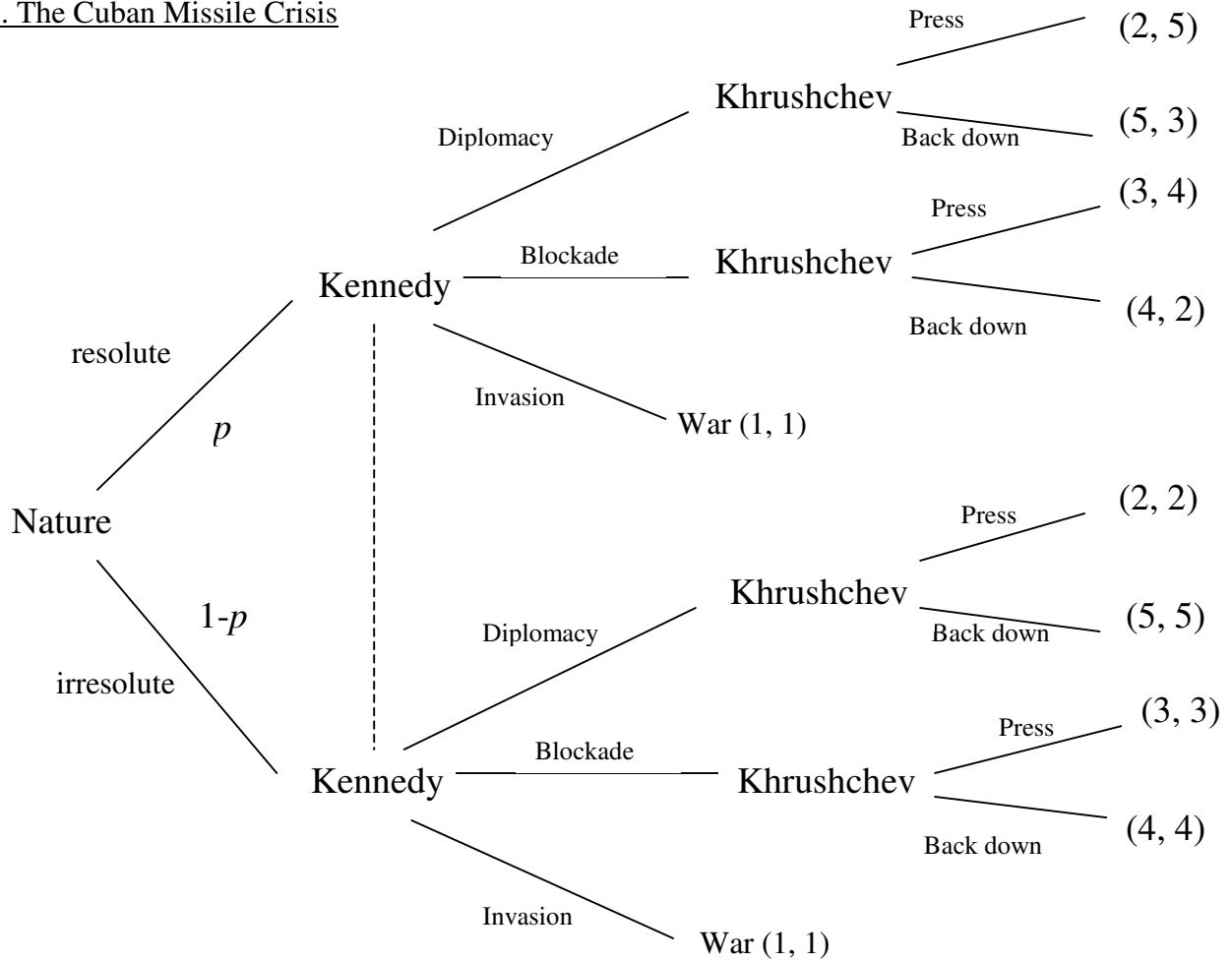
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Games with Uncertainty II

Solve these games and interpret your resulting value of p .

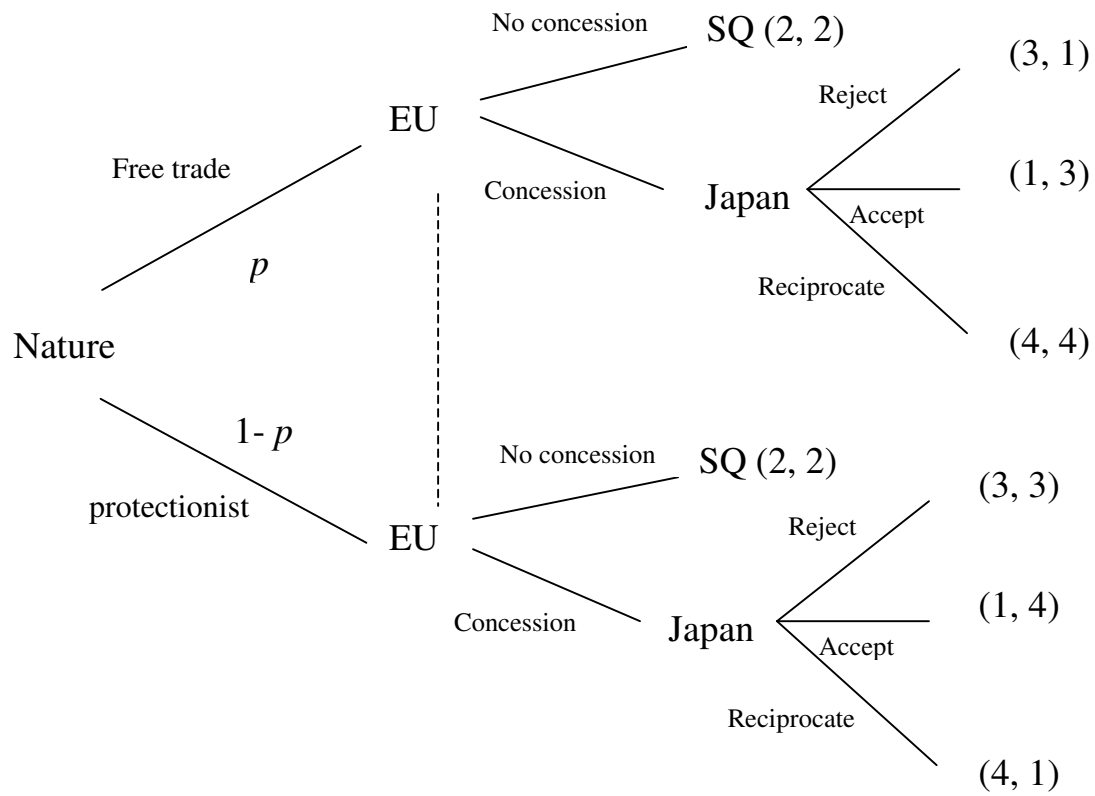
1. Bush and Hussein



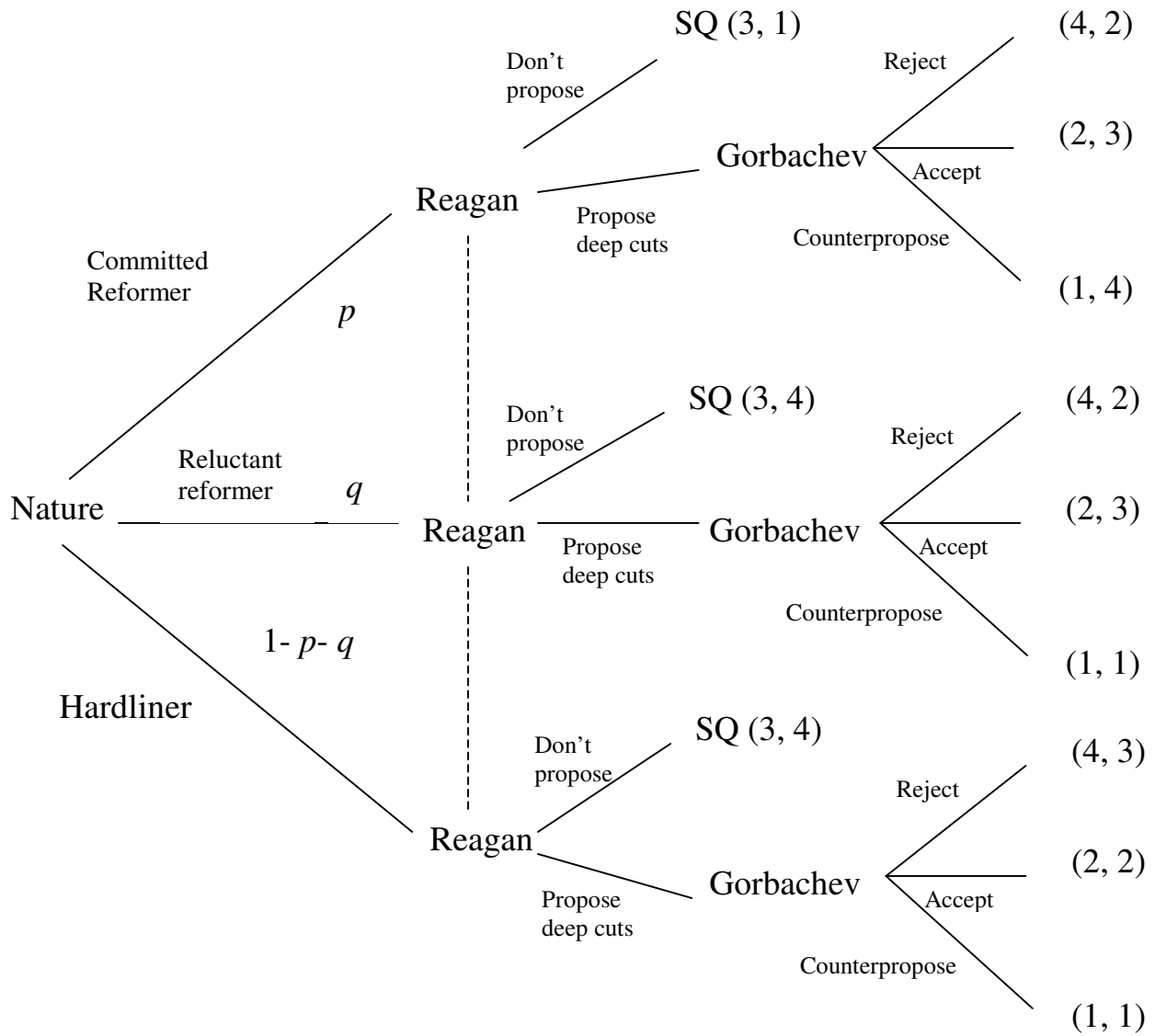
3. The Cuban Missile Crisis



2. EU-Japan Trade Liberalization



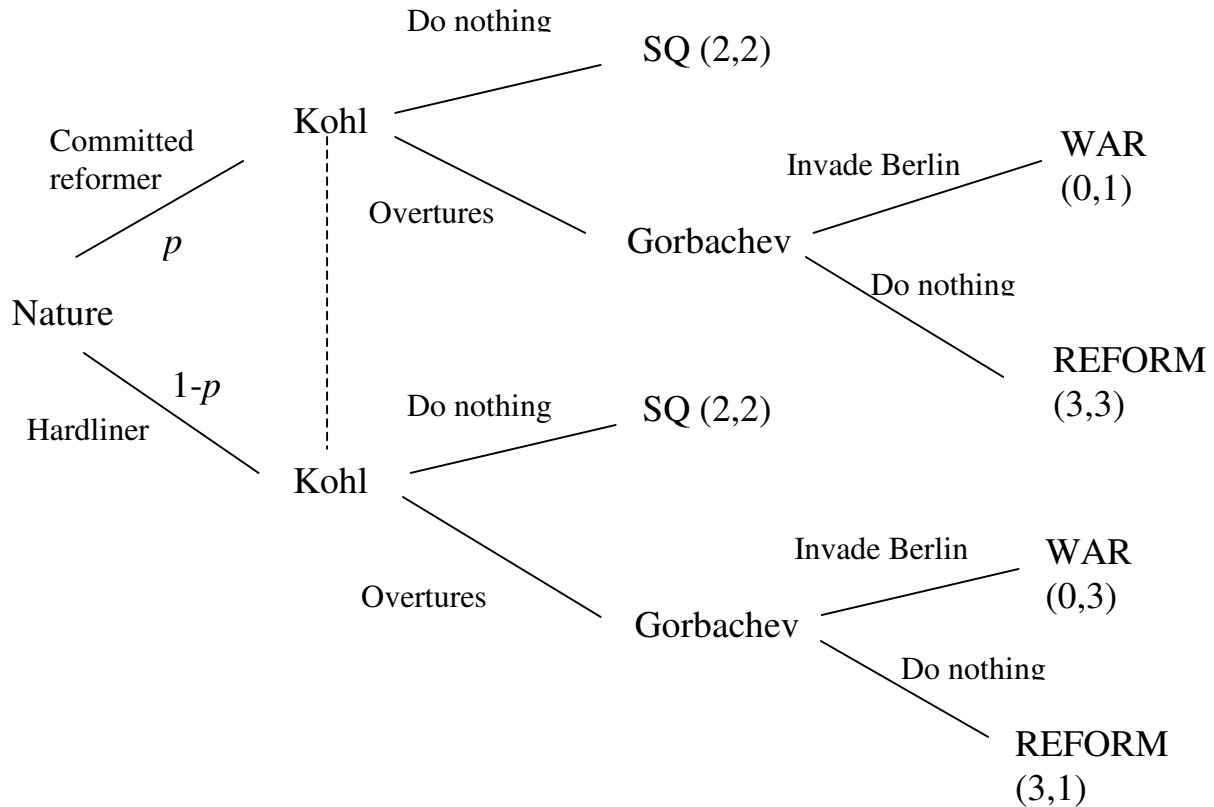
4. The Double-Zero Option



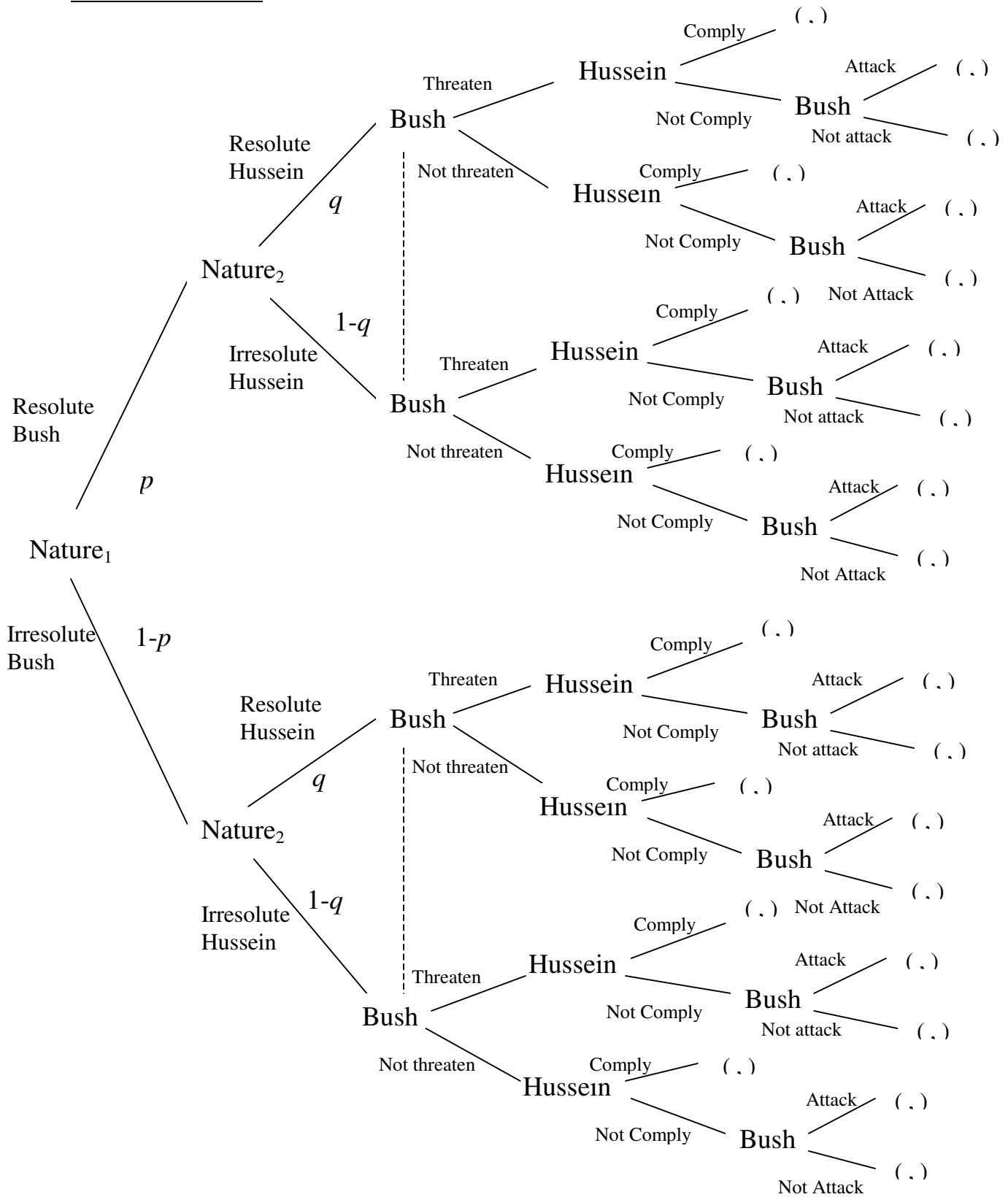
PS 160 Intro to World Politics
Games with Uncertainty III

Solve games 1, 2, 3, and 4, and interpret your resulting value. Follow directions on game 5, making sure to answer questions.

1. Kohl, Gorbachev, and Berlin

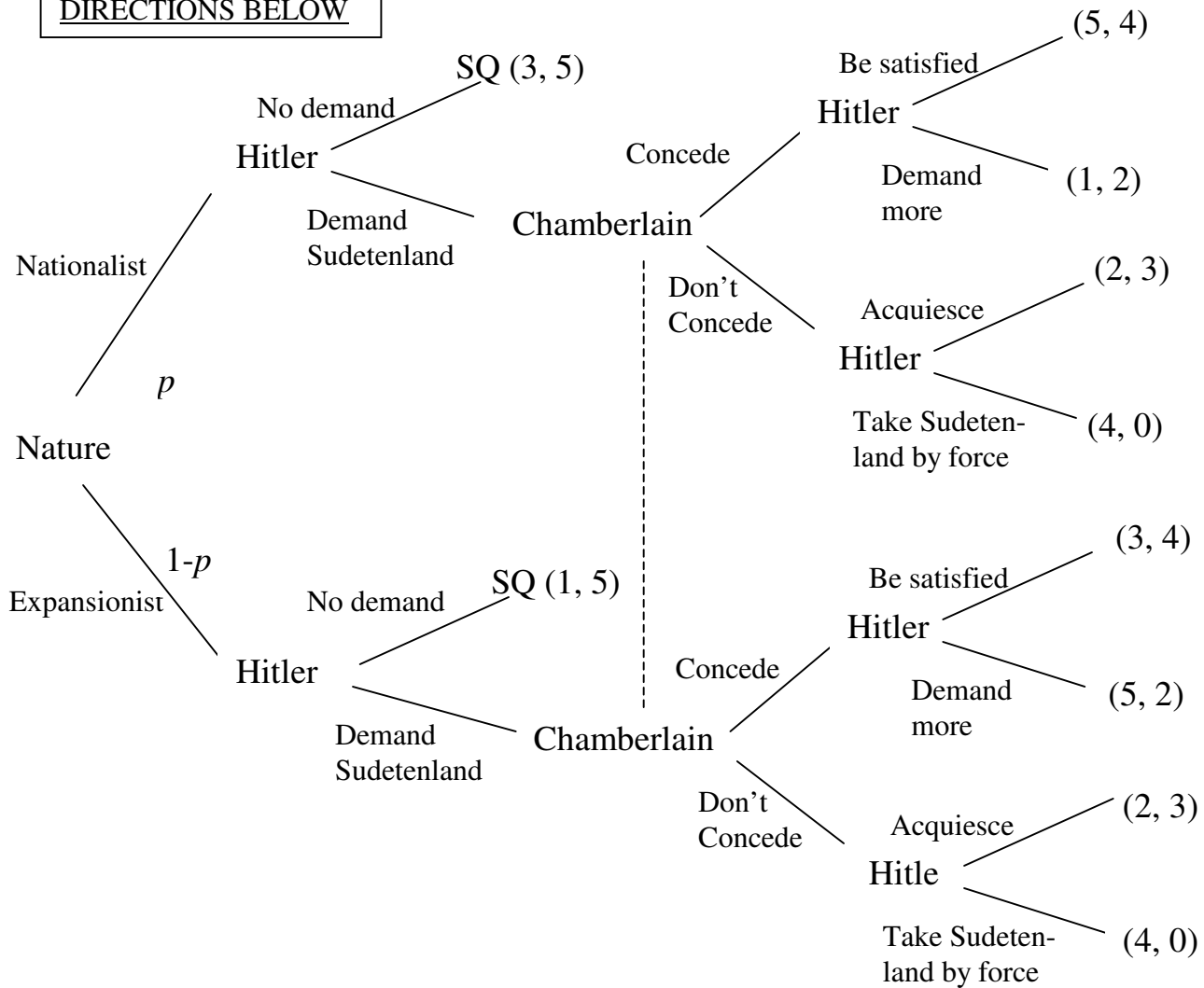


6. Bush and Hussein



5. Appeasement at Munich, 1939

FOLLOW
DIRECTIONS BELOW

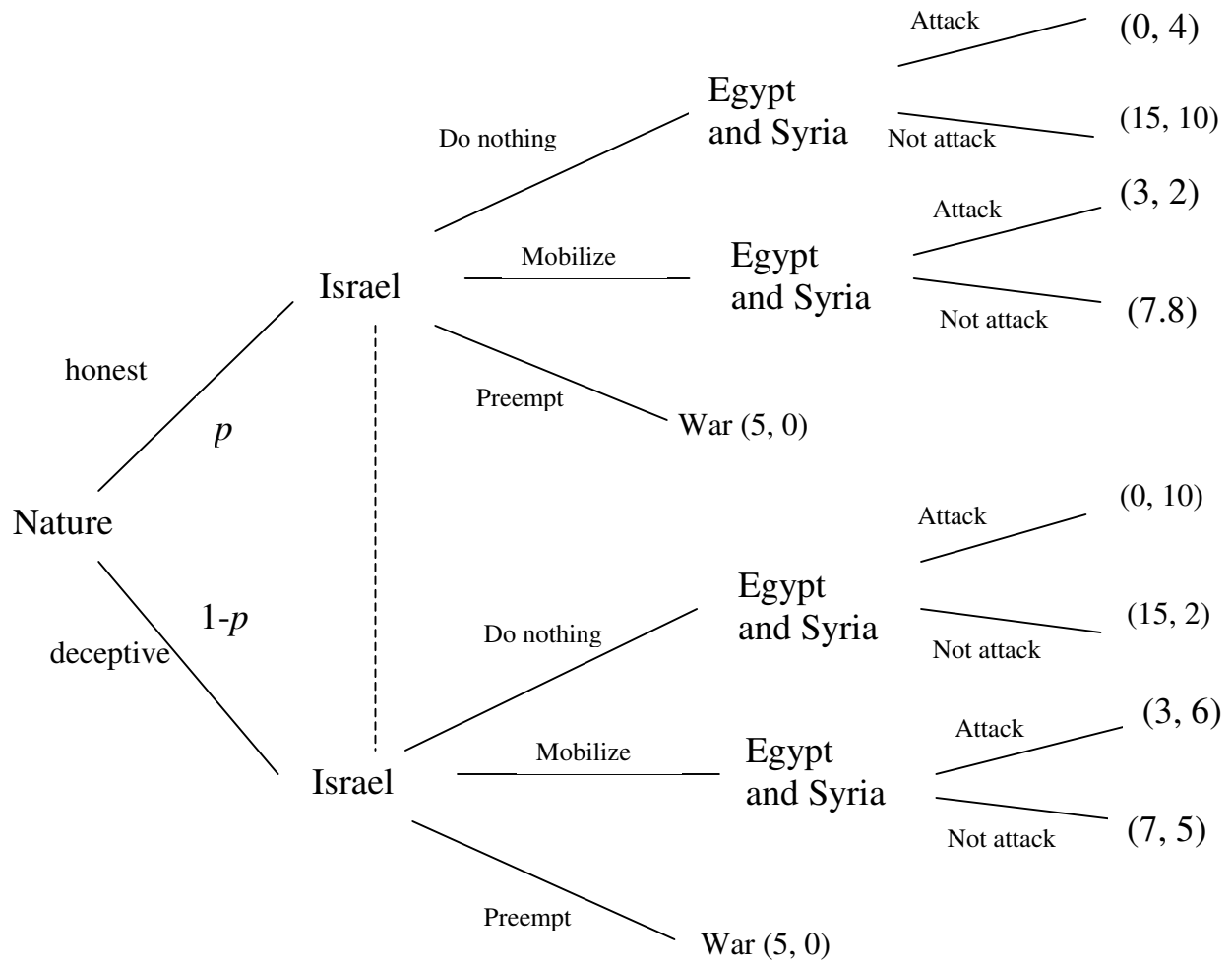


1. Do backwards induction. Does Hitler's initial move reveal any information to Chamberlain about his type? If so, what?

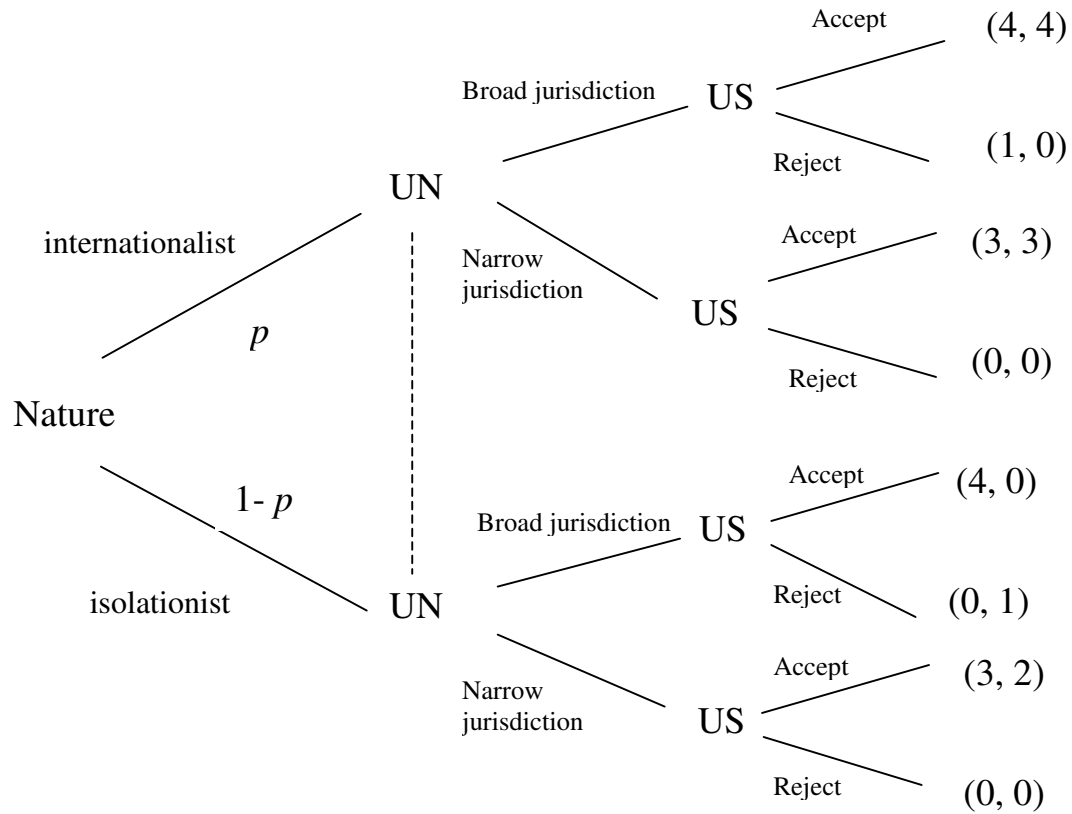
2. Solve for p - just apply the formula mechanically. Do *not* try to interpret it in the regular fashion. Instead, compare your result to the backwards induction above. Does your p value make sense? Why or why not? What does it suggest for Chamberlain?

3. Does Hitler's second move reveal information about his type? If so, what?

4. Yom Kippur War



2. Rome Statute on the International Criminal Court



3. World Agricultural Protection Negotiations

