Extensive-Form Games

Branislav Bošanský

Czech Technical University in Prague
branislav.bosansky@agents.fel.cvut.cz

November 15, 2017
Previously ... on multi-agent systems (tutorials and lectures).

1. Extensive-Form Games (game trees)
Task 1: Consider the following games. Write down a sequence-form linear program for both players:
Task 2: Consider the following games. Write down a sequence-form linear program for both players:
Task 3: Write down a sequence-form linear program for both players for the following game of a small “poker”:

- there is an ante of 1$
- there is a limited deck of cards \{J, J, Q, Q\}
- each player receives a card
- player 1 either folds or bets 2$
- player 2 either calls or folds
- player with the higher card wins