

CUR 412 - Game Theory and its Applications

Homework #2

- Due Date: 4/5. Late homeworks will get a 50% penalty.
- Everyone must individually write up their own answers.
- Please write your names in English.

Note: the numbers of the exercises **may be different** if you are using an electronic copy of the textbook!
Please check that the **name** of the exercise is the same.

Exercises from Chapter 3 in textbook:

- 76.1 (Competition in product characteristics)
- 80.1 (Timing product release)
- 85.1 (Second-price sealed-bid auction with two bidders)

Exercises from Chapter 4 in textbook:

- 101.1 (Variant of Matching Pennies)
- 110.1 (Expected Payoffs)
- 111.1 (Best Responses)
- 114.2 (Games with mixed strategy equilibria)
- 118.3 (Defending Territory)