

# Cvičení 2 a 3 – Teorie her

## Témata a studijní literatura

### 1. Úvod do teorie her, věžňovo dilema

Literatura:

- MCCAIN, R. *Strategy and Conflict: An Introductory Sketch of Game Theory*. [on-line]. Dostupné z <<http://william-king.www.drexel.edu/top/eco/game/game.html>>.
- LEVINE, David K. *What is Game Theory?* [on-line]. Dostupné z <<http://levine.sscnet.ucla.edu/general/whatis.htm>>. Department of Economics, UCLA.
- PRESTWICH Kenneth N. *Game Theory Website*. Dostupné z <[http://www.holycross.edu/departments/biology/kprestwi/behavior/ESS/ESS\\_introModels.html#game](http://www.holycross.edu/departments/biology/kprestwi/behavior/ESS/ESS_introModels.html#game)>
- ROBINSON, D. *The Revolutionary Nature of the Theory of Games*. Dostupné z <[http://www.economics.laurentian.ca/Strategic\\_Think.27/Modules/Course\\_Schedule.98/revolutionary\\_nature\\_of\\_the\\_theo.htm](http://www.economics.laurentian.ca/Strategic_Think.27/Modules/Course_Schedule.98/revolutionary_nature_of_the_theo.htm)>.
- *The Prisoner's Dilemma: An introduction to the Most Famous Game*. on-line]. Dostupné z <[http://www.economics.laurentian.ca/Strategic\\_Think.27/Modules/Course\\_Schedule.98/Prisoner%27s%20Dilemma/PDintroduction.htm](http://www.economics.laurentian.ca/Strategic_Think.27/Modules/Course_Schedule.98/Prisoner%27s%20Dilemma/PDintroduction.htm)>.
- HELFRICH, S. *The Prisoner's Dilemma*. [on-line]. Dostupné z <<http://www.xs4all.nl/~helfrich/prisoner/>>.
- SAMUELSON, Paul A., NORDHAUS, William D. *Ekonomie*. 2. vyd.. Praha : Svoboda, 1995. 1011 s. ISBN 80-205-0494-X (kap 25, str.629-633)
- FRANK, Robert H., BERNANKE, Ben S. *Ekonomie*. 1. vyd.. Praha : Grada, 2003. 803 s. ISBN 80-247-0471-4 (kap10, str. 261-267)
- FRANK, Robert H. *Mikroekonomie a chování*. 1. vyd.. Praha : Svoboda, 1995. 766 s. ISBN 80-205-0438-9. (kap. 7, str. 258-265)
- MANKIW, N. G.. *Ekonomie*. 1. vyd.. Praha : Grada, 1999. 763 s. ISBN 80-7169-891-1 (kap. 16, str. 349-355)

### 2. Nashova rovnováha, Battle of sexes

Literatura:

- FRANK, Robert H. *Mikroekonomie a chování*. 1. vyd.. Praha : Svoboda, 1995. 766 s. ISBN 80-205-0438-9. (kap. 14, str. 525-526)
- GIBBONS, R. *An Introduction to Applicable Game Theory. The Journal of Economic Perspectives*, Vol. 11, No. 1. (Winter, 1997), pp. 127-149. Dostupné on-line (JSTOR-jen z počítačů MU) z <<http://www.jstor.org/view/08953309/di980590/98p0343i/0>>. **Battle of sexes na str.131**

### 3. Výběh hudebního formátu rozhlasové stanice

Literatura:

- MCCAIN, R. *Strategy and Conflict: An Introductory Sketch of Game Theory*. Games with Multiple Nash Equilibria [on-line]. Dostupné z <<http://william-king.www.drexel.edu/top/eco/game/multnash.html>>.

### 4. Jestřábi a hrdličky

Literatura:

- FRANK, Robert H. *Mikroekonomie a chování*. 1. vyd.. Praha : Svoboda, 1995. 766 s. ISBN 80-205-0438-9. (kap. 7, str. 254-258)

- ROBINSON, David *The Hawk-Dove Game: A model of population equilibrium*. [on-line]. Dostupné z <[http://www.economics.laurentian.ca/Strategic\\_Think.27/Modules/Course\\_Schedule.98/evolutionary%20games/hawk\\_dove\\_model.htm](http://www.economics.laurentian.ca/Strategic_Think.27/Modules/Course_Schedule.98/evolutionary%20games/hawk_dove_model.htm)>.
- MCCAIN, R. *Strategy and Conflict: An Introductory Sketch of Game Theory. Games with Many Participants: Proportional Games* [on-line]. Dostupné z <<http://william-king.www.drexel.edu/top/eco/game/many.html>>.

## 5. Směna kola. Opakované hry

Literatura:

- MCCAIN, R. *Strategy and Conflict: An Introductory Sketch of Game Theory. Cooperative Games* [on-line]. Dostupné z <<http://william-king.www.drexel.edu/top/eco/game/cooperative.html>>.
- FRANK, Robert H. *Mikroekonomie a chování*. 1. vyd.. Praha : Svoboda, 1995. 766 s. ISBN 80-205-0438-9. (kap. 14, str. 526-530)
- MANKIWI, N. G.. *Ekonomie*. 1. vyd.. Praha : Grada, 1999. 763 s. ISBN 80-7169-891-1 (kap. 16, str. 355-357)