

## Game-theoretical issues in law

### Prof. Sacha Bourgeois-Gironde – Faculty of Law

This course provides an introduction to the use of games and game-theory in the analysis and solution to serious legal issues. It does not presuppose any previous knowledge in game-theory. Main game-theoretical concepts will be introduced through the treatment of legal questions, topics and examples, which are the following.

1. The logic of credible threats: punishing attempted crimes; winning lost cases.

Weiss, U. (2021). The robber wants to be punished. *Touro L. Rev.*, 37, 267.

2. Is punishing the corrupted but not the corruptor efficient to eliminate corruption?

Basu, K. (2011). Why, for a Class of Bribes, the Act of Giving a Bribe should be Treated as Legal (working paper on google scholar).

3. When is suggesting to cut the baby in half a good or a bad idea?

Elster, J. (1987). Solomonic judgments: Against the best interest of the child. *The University of Chicago Law Review*, 54(1), 1-45.

4. Are two bystanders less or more guilty than one?

Diekmann, A. (1985). Volunteer's dilemma. *Journal of conflict resolution*, 29(4), 605-610.

5. Assigning collective responsibility

Basu, K. (2022). The Samaritan's Curse: moral individuals and immoral groups. *Economics & Philosophy*, 38(1), 132-151.

6. Why linguistic minorities rationally accept to speak a dominant language?

Uriarte, J. R. (2016). A game-theoretic analysis of minority language use in multilingual societies. In *The Palgrave Handbook of Economics and language* (pp. 689-711). London: Palgrave Macmillan UK.