Assignments $\mathcal{N}^{\underline{o}}$ 6 - part i

released: 23.01.2013   **due:** 30.01.2013, 13:30h

(solutions can be handed over at the beginning of the lecture)

Task 1: Selection and Influence   5 points

In the lecture we considered co-evolution of friendship and smoking behavior as an example for motivating the need of distinguishing between selection and influence processes. Can you think about another example of a network relation and behavior for which it is meaningful to separate the selection process and influence process.

Task 2: Markov Chains   5 points

Discuss the differences and similarities between the markov chains we used to simulate from ERGM with the markov chains used for defining SAOM.