

# Networking Games

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Nowadays the fields of science related with artificial intelligence, information resource allocation, optimization of computer resources are rapidly increasing. It was appeared new terminology – telecommunication mathematics, networking games and others. In many network problems, one would observe the dominance of transportation and telecommunication interpretations.

The theme of the course is devoted to discussion of new results in this direction, mostly, game-theoretic methods in networks. The most important here are the problems of competitive routing, transportation games, behavioral equilibrium, analysis of social networks, comparison of selfish and cooperative behavior and the problems of appropriate management.