Yakov Babichenko
Technion

Informational Bounds on Approximate Nash Equilibria

Abstract:

The talk will discuss informational lower bounds of approximate Nash equilibrium in two complexity models: Query Complexity and Communication Complexity. For both models we prove exponential (in the number of players) lower bound on the complexity of computing \( \varepsilon \)-Nash equilibrium, for constant value of approximation \( \varepsilon \).