



复旦大学数学科学学院  
**数学综合报告会**

报告题目: **Self-Triggered Consensus in Networks of Multiagents with Stochastically Switching Topologies**

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报告地点: 光华东主楼 1501

摘要: In this talk, I will introduce a new approach to the analysis of self-triggered consensus algorithms. By converting the original systems into its discrete-time equivalence and using the results developed for discrete-time consensus, we obtained some convergence results that relaxes the requirements on the coupling structure. Particularlary, we consider networks with stochastically switching topologies and obtain some sufficient conditions for almost sure consensus.

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