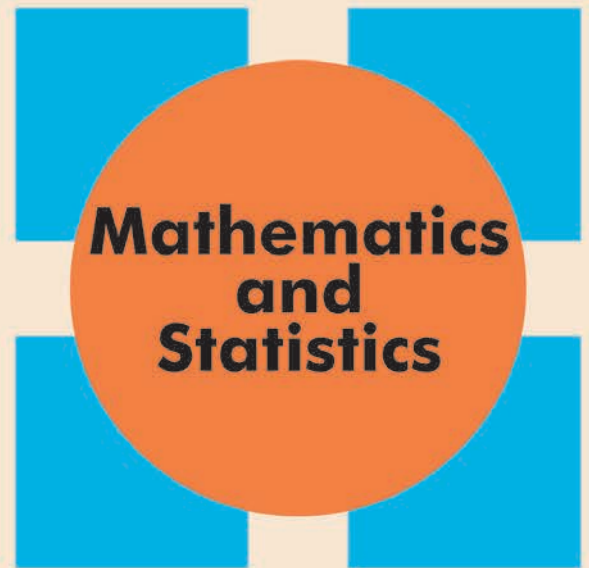


# COLLOQUIUM

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## Different Approaches to Topological Complexity of Groupoids



Date: Thursday, June 08, 2017

Time: 10:00 - 11:00 AM

Room: RI 209

**Abstract:** Topological complexity of the configuration space of a mechanical system, such as a robot, was introduced by Michael Farber to estimate the complexity of a motion planning algorithm. In this talk which is a progress report of an ongoing research project, we are considering the topological complexity of groupoids. Thus far, this aspect of robotics and motion planning has not been considered and it is leading us to an interesting research area with many exciting questions.