

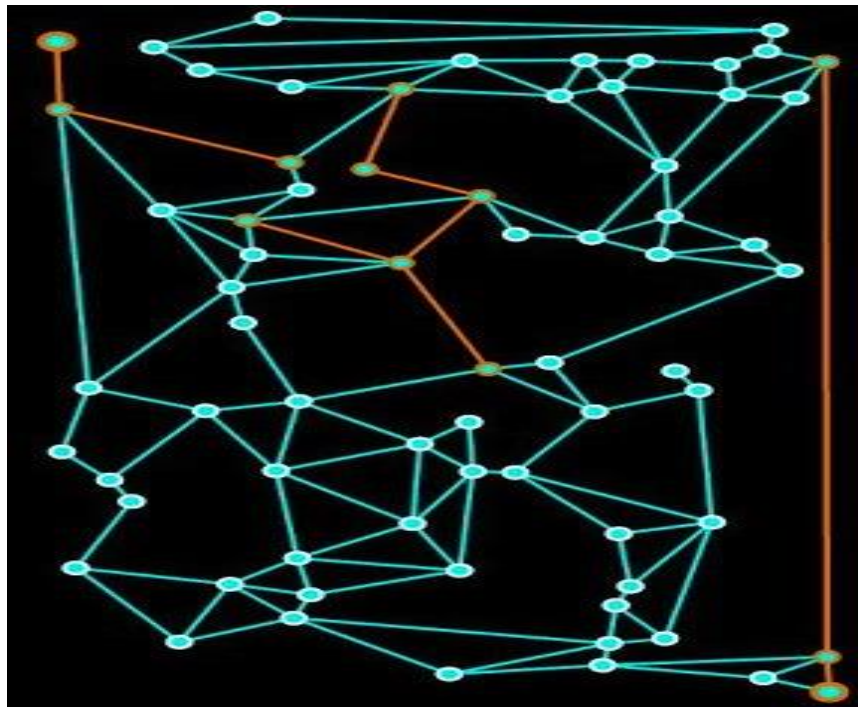
The SUMO Speaker Series for Undergraduates

Thursday, October 30th

4:15-5:05, room 380C

(Food Provided)

A GAME OF CONSTRUCTION AND DESTRUCTION - INTRO TO MATROID THEORY



Professor Jan Vondrak

Abstract:

Two players play alternately on a graph: In each turn, Destructor breaks an edge, trying to disconnect the graph, and Constructor protects an edge in order to prevent this. Who wins? The answer lies in matroid theory. (No prior exposure to matroids is assumed.)

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