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Dynamic graph matching and related problems

Abstract:

Graph matching is one of the most well-studied problems in combinatorial optimization, with applications ranging from scheduling and object recognition to numerical analysis and computational chemistry.

Nevertheless, until recently very little was unknown about this problem in real-life **dynamic networks**, which aim to model the constantly changing physical world.

In the first part of the talk we'll discuss our work on dynamic graph matching, and in the second part we'll highlight our work on a few related problems.