

Institut für Diskrete Mathematik

Combinatorics Seminar

Friday 6th December 12:30

Online meeting (Webex)

Finding disjoint paths in expanders

Nemanja Draganic

(University of Oxford)

In this talk, we address the problem of finding edge-disjoint paths between adversarially selected pairs of vertices in expander graphs. We present an online algorithm that collects the key features of all previous algorithms for this classical problem, providing them in essentially their strongest form. Joint work with R. Nenadov.

Meeting link:

https://tugraz.webex.com/tugraz/j.php?MTID=m01b0553e547155cca576e9d6e12f2c55

Joshua Erde, Mihyun Kang, Ronen Wdowinski