

Institut für Diskrete Mathematik

Combinatorics Seminar

Friday 8th March 12:30

Online meeting (Webex)

Ramsey problems for monotone (powers of) paths in graphs and hypergraphs

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The study of ordered Ramsey numbers of monotone paths for graphs and hypergraphs has a long history, going back to the celebrated work by Erdos and Szekeres in the early days of Ramsey theory. We obtain several results in this area, establishing two conjectures of Mubayi and Suk. This talk is based on a joint work with Zhihan Jin and Benny Sudakov.

Meeting link:

<https://tugraz.webex.com/tugraz/j.php?MTID=m8500c46344212abf0fa37925da5ef9bf>

Joshua Erde, Mihyun Kang