

Institut für Diskrete Mathematik

Seminar für Kombinatorik und Optimierung

Friday 27th November 14:15

Online meeting (Webex)

Stability from symmetrisation arguments

OLEG PIKHURKO

(University of Warwick)

We present a sufficient condition for a strong version of a stability property of extremal graph problems that can be solved via Zykov's symmetrisation. Our criterion is stated in terms of a limit version of the problem. We present some of its application to the inducibility problem where one maximises the number of induced copies of a given complete partite graph F in an n -vertex graph.

This is joint work with Hong Liu, Maryam Sharifzadeh and Katherine Staden.

Meeting link:

<https://tugraz.webex.com/tugraz/j.php?MTID=m1cd0904285a119237aa9a7ce985ad803>

Meeting number: 137 149 1265

Password: JYc3B3dunG2

Joshua Erde, Mihyun Kang