

Institut für Diskrete Mathematik

Seminar für Kombinatorik und Optimierung

Friday 28th May 14:30 (Irregular start time)

Online meeting (Webex)

Common subsequences between random words of very unequal length

BORIS BUKH

(Carnegie Mellon University)

What is the longest common subsequence between a pair of random words? This problem is in general open. We describe the asymptotics for the case when one of the words is much longer than the other. We explain the connection to the problem of the longest nondecreasing subsequences in random words.

Joint work with Zichao Dong.

Meeting link:

<https://tugraz.webex.com/tugraz/j.php?MTID=me01f43109c693c884b459339d643d7d9>

Meeting number: 121 128 5385

Joshua Erde, Mihyun Kang