

Institut für Diskrete Mathematik

Seminar für Kombinatorik und Optimierung

25.6.2020, 15:00 (talk), informal chat starts at 14:50

online meeting (Webex)

Some combinatorial aspects of pop-stack sorting

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Pop-stack sorting is a natural procedure for sorting permutations, where at each iteration all maximal descending strings are reversed (for example $T(526314) = 251364$). It can be seen as a variation of the classical stack sorting. I will present some structural, enumerative, and algorithmic results and conjectures related to the pop-stack sorting, including links to finite automata, lattice paths and random permutations.

Joint work with Cyril Banderier (University of Paris North) and Benjamin Hackl (University of Klagenfurt)

Webex meeting info

Meeting number (access code): 137 215 5408

Meeting password: dT6yWAuqu64

<https://tugraz.webex.com/webappng/sites/tugraz/meeting/info/487199bb6fd74508b490443deb606>

Eranda Dragoti-Çela und Bettina Klinz