

Institut für Diskrete Mathematik

**Combinatorics Seminar**

13.03.2026, 12:30

Online meeting (Webex) & AE06, Steyrergasse 30

**On a random analogue of Gilbreath's conjecture**

ZACH HUNTER

(ETH Zürich)

Consider the transformation  $T$  which maps a finite sequence of integers  $(a_1, \dots, a_n)$  to the sequence  $(|a_1 - a_2|, \dots, |a_{n-1} - a_n|)$ . We explore some probabilistic questions about  $T$ , motivated by an old conjecture about the primes. Joint work with Zachary Chase and Terence Tao.

Webex link:

<https://tugraz.webex.com/tugraz/j.php?MTID=m6449da69552289b0d7eef2d0d2a27197>

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