Seminarium geometrów

Poniedziałek, 30.10.2023, 14:15 HS

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Coxeter groups are biautomatic

Abstract: Coxeter groups are groups generated by involutions s_i, with the relations of form $(s_i s_j)^m = \text{id}$. For each Coxeter group, we will be discussing a particular system of "voracious" paths between any two vertices of the Cayley graph. This system turns out to have the "fellow traveller" property and is generated by a finite state automaton. This is joint work with Piotr Przytycki.

streaming via ZOOM:

Meeting ID: 967 6507 7409

Meeting password: "GS" (two letters) followed by the Euler characteristic of the closed orientable surface of genus 89.