Geometry Seminar

www.math.uni.wroc.pl/dgt/

Monday, 21/10/2024, 14:15 WS

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Morse directions in classical small cancellation groups

Abstract: Morse geodesics are geodesics that capture the hyperbolic-like features of not necessarily hyperbolic spaces. They were studied in order to generalize proofs about hyperbolic groups. However, it quickly became clear that having a Morse geodesic is not enough to exclude various types of pathological behaviours, which makes many generalizations impossible. Luckily, it turns out that having slightly stronger assumptions on the group, such as having a WPD element or being "Morse-local-to-global" makes such pathologies impossible and generalizations of proofs possible. It is hence of interest to study which groups satisfy those assumptions and how they relate to each other.

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.