

Seminarium geometrów

<https://dgt.math.uni.wroc.pl/>

Poniedziałek, 27.10.2025, 14:15 WS

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Taut Dehn Spectra and a quasi-isometrically diverse class of bi-orderable solvable groups

Abstract: In my talk, I will discuss a new invariant, which we call Taut Dehn Spectra, that allows geometric differentiation of finitely generated groups in terms of quasi-isometry. This invariant is a generalization of several previously known quasi-isometry invariants and allows one to construct previously unknown geometrically robust classes of groups. In particular, we will discuss a construction of an uncountable class of pairwise non-quasi-isometric groups that are two-generated, solvable of derived length 3, bi-orderable, and residually finite.

Streaming via ZOOM:

Meeting ID: 677 2490 5828

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