Seminarium geometrów

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

Poniedziałek, 16.11.2026, 8:15 HS

Kim Ruane (Tufts University)

Morse Hierarchies

Abstract: In joint work with Cordes and Karrer, we investigate the notion of Morse hierarchies for groups. This involves successively splitting a group along finitely generated, undistorted subgroups with empty relative Morse boundary in the ambient group. If the groups we are left with after splitting as much as possible have connected relative Morse boundary, we call this a Morse hierarchy for the group. In this talk, we will see several well-known classes of groups have a Morse hierarchy including right-angled Coxeter groups.

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