Seminarium geometrów

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

Poniedziałek, 12.05.2025, 14:15 WS

Mark Pengitore (IMPAN)

Growth functions and linearity of automorphism groups of hyperbolic groups

Abstract: This talk will introduce various growth functions associated to a finitely generated group which measure the difficulty of separating an element from the identity using epimorphisms to a fixed family of nonabelian finite simple groups with characteristic kernels as a function of the word length. As an application of these functions, we provide a characterization of when the automorphism group of a hyperbolic group is linear.

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.