

Seminarium geometrów

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Wtorek, 20.04.2021, 14:15, webminar

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A simple proof that the L^p -diameter of $Diff_0(S, area)$ is infinite

Abstract: I will show a new and rather elementary proof that the L^p metric on the group of area preserving diffeomorphisms of a surface is unbounded. If time permits, I will discuss recent results obtained jointly with M. Brandenbursky and E. Shelukhin on the geometry of $Diff_0(S, area)$, e.g. that finitely generated right angled Artin groups embed quasi-isometrically in $(Diff_0(S, area), L^p)$.

ZOOM meeting info:

Meeting ID: 945 9956 8132

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