

Seminarium geometrów

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

Wtorek, 05.04.2021, 14:15, webinar

Jakub Gismatullin (IMUWr)

Surjunctivity, dual surjunctivity and Kaplansky conjectures

Abstract: I will talk on some old conjectures related to group actions on Bernoulli shifts, namely Gottschalk, dual-Gottschalk and Kaplansky conjectures on group rings ($ab = 1$ implies $ba = 1$, for any a and b from a group ring). I will introduce a metric version of Kaplansky conjectures and study this conjecture in metric ultraproducts of groups. This is a joint work with Michal Doucha <https://arxiv.org/abs/2008.10565>

ZOOM meeting info:

Meeting ID: 967 6507 7409

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