

Department of Mathematics, BGU

Colloquium

On Tuesday, November ,27 2018

At 14:30 – 15:30

In Math 101-

Michal Marcinkowski (Regensburg University)

will talk about

3rd bounded cohomology of volume preserving transformation groups.

Abstract: Let M be a Riemannian manifold with a given volume form and hyperbolic fundamental group. We will explain how to construct coclasses in the cohomology of the group of volume preserving diffeomorphisms (or homeomorphisms) of M . As an application, we show that the 3rd bounded cohomology of those groups is highly non-trivial.