

Department of Mathematics, BGU

BGU Probability and Ergodic Theory (PET) seminar

On Thursday, May ,26 2022

At 11:10 – 12:00

In 101-

Shrey Sanadhya (Ben-Gurion University)

will talk about

Universality for \mathbb{R}^d -flows

Abstract: A dynamical system is called universal if any system with lower entropy can be embedded into it. In this talk, we will discuss universality for \mathbb{R}^d flows ($d > 1$) both in ergodic and Borel contexts. We will discuss a specification property that implies universality for \mathbb{R}^d flows and provide an example of a tiling dynamical system with this specification property. This is ongoing work with Tom Meyerovitch. This talk is a preliminary report.