

Benjy Weiss. Mixing properties of non-singular actions.

Abstract. For probability preserving actions of groups there are several equivalent formulations of ergodicity and weak mixing. For non-singular actions all of these formulations for ergodicity coincide but this is far from being the case for weak mixing. I will discuss some of these properties and their inter-relations. A special case of non-singular actions arises in the context of the theory of stationary measures and I will also survey some results concerning their mixing properties. Based on joint work with Eli Glasner.
