

Logic Seminar

Topological dynamics and torsion abelian groups

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Abstract: In this talk I shall present the status of the ongoing project that aims at computing the universal minimal flow of automorphism groups of all countable torsion abelian groups. Building on work of Kechris-Pestov-Todorcevic, we shall discuss how to compute the universal minimal flow of $\text{Aut}(G)$, for some primary group G . More precisely, we shall consider the cases when G is a quasi-cyclic group, or the infinite direct sum of ω copies of a cyclic p -group, for any prime p . This is joint work with Gianluca Basso.

Tuesday, February 12 at 3:30 PM in 427 SEO