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Superrigidity and classification problems for torsion-free abelian groups of finite rank

Let $n \geq 3$. In this talk, I will explain how to use Zimmer's superrigidity theorem and Ratner's measure classification theorem to show that the classification problems for the p -local torsion-free abelian groups of rank n are incomparable with respect to Borel reducibility for distinct primes p . (Recall that an abelian group A is said to be p -local iff A is q -divisible for every prime $q \neq p$.)