AYSE SAHIN, De Paul University, 2320 N. Kenmore Ave., Chicago, IL 60614, USA Directional Entropy, Rank One and Even Kakutani Equivalence of \mathbb{Z}^d Actions

We present some recent results on the directional entropy of \mathbb{Z}^d rank one actions and their connection to Even Kakutani Equivalence, an important example of a restricted orbit equivalence.

This is joint work with E. Arthur Robinson, Jr.