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Recent Developments - Horospherically Invariant Measures and a Rank Dichotomy for Anosov Groups (2/2)

jeudi 22 juin 2023 11:00 (1 heure)

Let G be a product of simple real algebraic groups of rank one and Γ be a Zariski dense and Anosov subgroup with respect to a minimal parabolic subgroup P. Let N be the unipotent radical of P. For each direction u in the interior of Weyl chamber, we show that there exists at most one N-invariant measure in $\Gamma\backslash G$ which is supported on the forward recurrent subset for the $\exp(tu)$-action. This can be viewed as a generalization of the unique ergodicity result for the horospherical action due to Furstenberg, Burger, Roblin and Winter for Γ convex cocompact. This is joint work with Or Landesberg, Elon Lindenstrauss and Hee Oh.

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