

Classifying ergodic hyperbolic stationary measures on K3 surfaces with large automorphism groups

jeudi 30 mai 2024 14:00 (1 heure)

Let X be a K3 surface with a large automorphism group $\text{Aut}(X)$ (we do not assume that it contains any parabolic elements). Consider a probability measure μ on $\text{Aut}(X)$; using the work of Cantat and DuJardin (2020) we study hyperbolic, ergodic μ -stationary probability measures, and the supports of their conditional measures on the stable and unstable manifolds (which are a.e. biholomorphic to \mathbb{C}) using the techniques of Benoist and Quint (2011), and Eskin and Mirzakhani (2018).

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