

Measures of Maximal entropy for Discretized Anosov Flows.

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Discretized Anosov Flows (DAF) are Partially hyperbolic dynamics with one dimensional center that fix each center leaf. In this talk I will present a dichotomy result, a DAF either: has a unique measure of maximal entropy with zero center Lyapunov exponent, or it has two measures of maximal entropy, one with positive and one with negative center Lyapunov exponents. Moreover the second case is generic and the first case, if accessible, implies the map is the time one map of an Anosov flow. This is a joint work with Jerome Buzzi, Sylvain Crovisier and Ali Tahzibi.

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