

Abstract

Survey on recent results about the regularity of the Lyapunov Exponents of $SL(2)$ -random linear cocycles.

We prove that generically the Holder regularity of the Lyapunov Exponent can not be better than the Kolmogorov-Sinai entropy of the underlying Bernoulli shift over the Lyapunov Exponent.

This is a joint work with Jamerson Bezerra, Ao Cai, Catalina Freijo and Silviu Klein.