
Geometry and Calculus of Holder Gibbs states

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Abstract

We consider a transformation $T: X \rightarrow X$ which can be either the shift acting on the Bernoulli space $X = \{1, 2, \dots, d\}^{\mathbb{N}}$ or an expanding transformation acting on the circle $X = S^1$. For a given α – Holder potential $A: X \rightarrow \mathbb{R}$

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