



## 复旦大学数学科学学院 数学综合报告会

报告题目: Equilibrium states which is not Gibbs measure on hereditary subshifts

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摘要: We consider which kind of invariant measure on hereditary subshifts is not Gibbs measure. For the hereditary closure of a subshift  $(X, S)$ , we prove that in some situation, the invariant measure  $\nu * B_{\{p,1-p\}}$  can not be Gibbs measure where  $\nu$  is any invariant measure on  $(X, S)$ . As an application, we show that for some  $\mathcal{B}$ -free shifts, the equilibrium state  $\nu_{\eta} * B_{\{p,1-p\}}$  is not Gibbs measure.

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