

***EQUILIBRIUM STATES WHICH IS NOT GIBBS MEASURE
ON HEREDITARY SUBSHIFTS***

Online Seminar

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Abstract: 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 ν 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.