

1038-60-70

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Maschmühlenweg 8-10, 37073 Göttingen, Germany. *Erdős-Renyi Law For Gibbs Markov Systems.*

I will introduce what may be called a Gibbs-Markov process (an extension of certain markov chains) and prove large deviation and an Erdős-Renyi law for this process. (Received January 27, 2008)