

**MEASURE OF MAXIMAL ENTROPY OF GEODESIC FLOWS
AND COUNTING CLOSED GEODESICS**

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Abstract:

We discuss the uniqueness of measure of maximal entropy, or more generally equilibrium states for geodesic flows on certain manifolds without conjugate points. Using the Patterson-Sullivan construction of measure of maximal entropy, we show Margulis' asymptotic formula for the growth of the number of closed geodesics.