MEASURE OF MAXIMAL ENTROPY OF GEODESIC FLOWS AND COUNTING CLOSED GEODESICS

Weisheng Wu 吴伟胜
Xiamen university 厦门大学

Time：Wednesday，March 4th; 14:30

Venue: Room 102, SCMS

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.