AMENABILITY, GROWTH OF CLOSED GEODESICS AND CRITICAL EXPONENTS OF SUBGROUPS.

RHIANNON DOUGALL (WARWICK)

Abstract: We will discuss the relationship between amenability of a covering group and growth rates of closed geodesics in negative curvature. This may also be interpreted as a criterion for the equality of the critical exponent of a group of isometries and a normal subgroup. This is a joint work with Richard Sharp.