

A. SELBERG: Hybrid trace formulae and zeta and L-functions
for discrete groups on product spaces

The lecture is concerned mostly with irreducible groups acting on say, a product of hyperbolic planes and shows, among other things that the lengths of the closed geodesics which project into a point in all the hyperbolic planes except one (i.e. one component of the group element being hyperbolic and the others elliptic) generate a zeta function and also L-functions with the rotations of the elliptic components acting as characters.