

Séminaire d'analyse



Vendredi 28 Novembre 2014
13h30

Conférencier

Frédéric Naud (Université d'Avignon)

Titre

Sharp resonances on hyperbolic manifolds

Résumé

Resonances are the natural replacement data for the missing L^2 eigenvalues of the Laplacian on non compact infinite volume manifolds. In the case of hyperbolic manifolds I will describe how resonances are related to asymptotics of waves and orbital counting. We will then explore some open questions and state some partial results on the location and density of resonances.