

abstract

ANALYSIS/MATHEMATICAL PHYSICS SEMINAR

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

Concentration phenomena for Laplacian eigenfunctions can be studied by obtaining estimates for their L^p growth. By considering eigenfunctions as quasimodes (approximate eigenfunctions) within the semiclassical framework we can extend such estimates to a more general class of semiclassical operators. This talk will focus on L^p estimates for quasimodes restricted to hypersurfaces and the links between such estimates and properties of classical flow.