

Vjekoslav Kovač: **On convergence and the Fourier restriction problem**

Abstract: We will begin by recalling two general convergence principles, in norm and a.e, both in their qualitative and quantitative formulations. Then we will present the basic ideas of the problem of restricting the Fourier transform to hypersurfaces in the Euclidean space. The emphasis will be given to the line of research recently opened by Mller, Ricci, and Wright, which includes my collaboration with Oliveira e Silva.