Analysseminariet

Silvia Verzeletti, Milano: An introduction to square functions

Abstract: The aim of this seminar is to give an introduction to square functions (or g-functions), following two monographs of Stein on the subject. We will begin with the first g-functions which arose in the 1920's as tools in proving theorems about a.e. convergence for Fourier series on S^1, and we will then talk about the work done by Littlewood and Paley, who consolidated the theory of g-functions on S^1 during the 1930's. Finally we will mention some applications and some possible extensions to more general settings.

Måndagen den 8/9, kl. 15.15   OBS dagen   S1