

Dror Varolin: A survey of L^2 Extension and its applications in analytic and algebraic geometry

Since the L^2 extension theorem was proved by Ohsawa and Takegoshi in 1987, there has been a huge amount of work on both further L^2 Extension results and their applications. I will give a somewhat biased survey of the methods and results, and discuss a number of applications in analytic and algebraic geometry.