PAUL MEZO, Carleton University, 1125 Colonel By Drive, Ottawa, ON K1S 5B6
Twisted trace Paley–Wiener theorems

One method of comparing automorphic L-functions arising from different groups is the comparison of trace formulas. Occasionally there is a group automorphism which presents itself in the comparison of "twisted" trace formulas. To implement the automorphism properly, one must characterize twisted characters at the archimedean places. We describe recent progress in this characterization, which is joint work with P. Delorme.