

**On effective determination of Maass forms from central values of Rankin-Selberg L functions.**

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In this talk we address the following problem. Suppose that  $f$  (resp.)  $g$  are Hecke-Maass forms of full level having Laplace eigenvalue  $\mu$  (resp.  $\nu$ ). Let  $L(1/2, fXh) = L(1/2, gXh)$  for Hecke-Maass forms  $h$  of full level. When is  $f=g$ ? We prove a quantitative result in this direction.