

Séminaire de théorie des nombres

Le 29 juin 2009 à 14h

Period integrals, central critical L-values and branching laws for classical groups

Exposé de Dipendra Prasad (TIFR, Inde)

Résumé : Inspired by the seminal work of Waldspurger on the integral of automorphic functions on $GL(2)$ restricted to tori relating to certain critical L-values, there has been much work in higher dimensions in formulating and sometimes proving such results. We discuss some of these, with emphasis on local questions it suggests, and presumably helps solve.