

Joint IAS/PU Number Theory Seminar

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Regularized Periods of Automorphic Forms

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Date & Time: Thu, 02/14/2013 - 16:30 - 17:30

Location: Fine Hall 214

Following Jacquet, Lapid and Rogawski, we define a regularized period of an automorphic form on $GL(n+1) \times GL(n)$ along the diagonal subgroup $GL(n)$ and express it in terms of the Rankin-Selberg integral of Jacquet, Piatetski-Shapiro and Shalika. This extends the theory of the Rankin-Selberg integrals to all automorphic forms on $GL(n+1) \times GL(n)$. We also discuss the case of unitary groups and give some application to the global Gan-Gross-Prasad conjecture in the endoscopic case. This

is a joint work with Shunsuke Yamana.

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Mon, 01/07/2013 - 19:48

Tue, 01/08/2013 - 14:34

terms:

- [School of Mathematics](#)