Séminaire de théorie des nombres

Le 17 décembre 2018 à 14h (Jussieu)

On some consequences of a theorem of J. Ludwig

Exposé de Vytautas Paškūnas
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Résumé : We prove some qualitative results about the p-adic Jacquet–Langlands correspondence defined by Scholze, in the $GL(2, Q_p)$, residually reducible case, by using a vanishing theorem proved by Judith Ludwig. In particular, we show that in the cases under consideration the p-adic Jacquet–Langlands correspondence can also deal with principal series representations in a non-trivial way, unlike its classical counterpart. The paper is available at http ://arxiv.org/abs/1804.07567