

1123-11-147

Baiying Liu* (liu2053@purdue.edu), Department of Mathematics, Purdue University, 150 N. University St, West Lafayette, IN 47907, and **Herve Jacquet** (hj@math.columbia.edu), Department of Mathematics, Columbia University, Room 509, MC 4406 2990 Broadway, New York, NY 10027. *On the Local Converse Theorem for p -adic GL_n .*

In this talk, I will introduce a complete proof of a standard conjecture on the local converse theorem for generic representations of $GL_n(\mathbb{F})$, where \mathbb{F} is a non-archimedean local field. This is a joint work with Prof. Herve Jacquet. (<http://arxiv.org/abs/1601.03656>) (Received August 23, 2016)