

1086-22-2334

Jeffrey Hakim* (jhakim@american.edu), Department of Mathematics and Statistics, American University, Washington, DC 20016, and **Omer Offen**. *Local Converse Theorems for Distinguished Representations*. Preliminary report.

Let E/F be a quadratic extension of p -adic fields. Given a generic, unitary representation π of $GL(n, E)$, we consider when the triviality of the gamma factors of twists of π at the center of symmetry implies that π is distinguished with respect to $GL(n, F)$. (Received September 25, 2012)