

Meeting: 1001, Evanston, Illinois, SS 20A, Special Session on Representation Theory of Reductive Groups

1001-22-398 **Joshua Michael Lansky*** (lansky@american.edu), Department of Mathematics and Statistics, American University, Gray Hall 207, Washington, DC 20016-8050, and **Jeffrey D. Adler** (adler@uakron.edu), Dept of Theoretical and Applied Mathematics, 250 Buchtel Common, University of Akron, Akron, OH 44325-4002. *Base Change and K -types for $U(3)$.*

It is possible to give an explicit description of L -packets and quadratic base change for depth-zero representations of p -adic unitary groups in two and three variables. We show that this base change is compatible at the level of unrefined minimal K -types with certain liftings of representations of finite reductive groups. (Received August 31, 2004)