Shuichiro Takeda* (takedas@missouri.edu), Mathematics Department, Columbia, MO 65211.

On certain Hecke algebras for metaplectic group. Preliminary report.

We discuss certain Hecke algebras on the metaplectic group $Mp_{2n}$ over a non-archimedean local field by using the Weil representation, and show that they are isomorphic to the Iwahori Hecke algebra on $SO_{2n+1}$. This is partially a joint work with A. Wood. (Received January 25, 2019)