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*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)