

1131-11-21 **Nickolas Andersen*** (nandersen@math.ucla.edu) and **E. Mehmet Kiral**. *Level reciprocity in the twisted fourth moment of modular L -functions*. Preliminary report.

We prove an exact formula for the twisted fourth moment of modular L -functions of a given level. The formula is a reciprocity relation between the twist and the level. (Received May 19, 2017)