

1129-03-294

**Cheng Chang\*** (cchang4@mercy.edu), Dobbs Ferry, NY 10522. *On Totally Disconnected Locally Compact Second Countable Groups with Two-sided Invariant Metrics.*

We consider the class of totally disconnected locally compact second countable groups with two-sided invariant metrics, and give several characterizations of such groups. Using these characterizations, we show that there exist subjectively universal groups for this class, but there does not exist a universal group. (Received March 18, 2017)