1106-37-1705   **Su Gao*** (`sgao@unt.edu`), Department of Mathematics, 1155 Union Circle #311430, Denton, TX 76203, and **Aaron Hill**. *Bounded Rank-One Transformations.*

We define the notion of canonical boundedness among rank-one transformations and use it to characterize the class of all bounded rank-one transformations with trivial centralizer. We also explicitly characterize totally ergodic rank-one transformations with bounded cutting parameter. Together with a recent result of Ryzhikov our results provide a simple procedure for determining whether a bounded rank-one transformation has minimal self-joinings of all orders purely in terms of the cutting and spacer parameters for the transformation. (Received September 15, 2014)