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*Partially Bounded Transformations have Trivial Centralizer.*

We prove that for infinite rank-one transformations satisfying a certain property called “partial boundedness,” the only commuting transformations are powers of the original transformation. This shows that a large class of measure-preserving rank-one transformations with bounded cuts have trivial centralizer. We also extend our result to analogous classes of rank-one  $\mathbb{Z}^d$ -actions and flows. (Received September 14, 2016)