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**Aaron Hill\***, aaron.hill@louisville.edu. *Characterizing properties of and relations between rank-1 transformations.*

The rank-1 transformations form a generic subset of the (Polish) group of all measure-preserving transformations. Certain properties (e.g. having trivial centralizer) and relations (e.g. the isomorphism relation) are complete analytic on the group of all measure-preserving transformations, but become Borel when restricted to the class of rank-1 transformations. We give some examples of this phenomenon. (Received February 17, 2016)