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Javad Mashreghi* (javad.mashreghi@mat.ulaval.ca), Dept of Math & Stat, Laval University, Quebec, G1V 0A6, Canada, and **Thomas Ransford**. *Linear Maps Preserving Inner Functions*.

The study of outer preserving linear maps has been very fruitful and ended with an abstract GKZ-Theorem for Reproducing Kernel Hilbert Spaces (RKHS). Parallel to that study, it is natural to think about the inner preserving linear maps. We show that, for many holomorphic function spaces on the unit disk, a continuous endomorphism that sends inner functions to inner functions is necessarily a weighted composition operator.

This is a joint work with T. Ransford. (Received August 12, 2021)