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Jasbir Singh Manhas, Gabriel T Prajitura and Ruhan Zhao^{*} (rzhao@brockport.edu), Department of Mathematics, College at Brockport, State University of New York, Brockport, NY 14420. Weighted composition operators that preserve frames. Preliminary report.

We characterize weighted composition operators that preserve frames, tight frames, or normalized tight frames in the general weighted Hilbert Bergman spaces on the unit ball of \mathbb{C}^n . (Received August 31, 2018)