1138-30-169 **Tim Ferguson*** (tjferguson1@ua.edu). Uniform Approximation of Extremal Functions in Weighted Bergman Spaces.

We discuss approximation of extremal functions by polynomials in the weighted Bergman spaces A^p_{α} where $-1 < \alpha < \min(0, p-2)$. We obtain bounds on how close the approximation is to the true extremal function in the A^p_{α} and uniform norms. We also prove several results on the relation between the Bergman modulus of continuity of a function and how quickly its best polynomial approximants converge to it. (Received February 08, 2018)