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Jeffrey T. Neugebauer* (jeffrey.neugebauer@eku.edu) and **Aaron Wingo**. *Positive Solutions for a Fractional Boundary Value Problem with Lidstone Like Boundary Conditions.*

We consider a higher order fractional boundary value problem with Lidstone like boundary conditions. By using a convolution to construct the Green's function for the higher order problem, we are able to apply a fixed point theorem to show the existence of positive solutions of the boundary value problem. (Received September 15, 2020)