1145-39-1415   **Paul W Eloe**, **Catherine M Kublik*** (`ckublik1@udayton.edu`) and **Jeffrey T Neugebauer**.
Comparison of Green's functions for a family of boundary value problems for fractional difference equations.

In this paper, we obtain sign conditions and comparison theorems for Green's func- tions of a family of boundary value problems for a Riemann-Liouville type delta fractional difference equation. Moreover, we show that as the length of the domain diverges to infinity, each Green's function converges to a uniquely defined Green's function of a singular boundary value problem. (Received September 21, 2018)