

1116-39-1857 **Allan C. Peterson*** (apeterson1@math.unl.edu), 1144 T Street, Lincoln, NE 685880130, and
Bioguo Jia and **Erbe Lynn**. *Comparison Theorems for Discrete Caputo Fractional Equations*.

We will prove comparison theorems for discrete Caputo fractional difference equations. Also qualitative results for fractional equations will be given along with examples. (Received September 21, 2015)