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Heidi A Berger* (heidi.berger@simpson.edu), Simpson College, Dept. of Mathematics, 701 N. C Street, Indianola, IA 50125. *Using Critical Point Theory to Solve Boundary Value Problems.*

I will use Clark's Theorem to show the existence of multiple solutions to a self-adjoint dynamic boundary value problem on an isolated time scale interval. This work generalizes the results of Bai and Xu from 2007, in the discrete case, and Rabinowitz/Clark from the continuous PDE case. Examples of these results will be given. (Received August 25, 2009)