

1135-39-1226 **Allan Peterson*** (apeterson1@math.unl.edu), Lincoln, NE 68588, and **Feifei Du, Wei Hu** and **Lynn Erbe**. *Some new integral inequalities on time scales.*

In this paper, we establish some generalizations of inequalities on time scales, which have appeared in different articles. Even the inequalities that we will derive from our results when $g(t) = t$ are essentially new and of great interest. (Received September 20, 2017)