odd-order neutral $\Delta$-differential delay equations on a time scale. Preliminary report.
On a time scale $\mathbb{T}$ we consider the neutral quasi- $\Delta$-differential delay equation

$$
\begin{equation*}
L(x(t)-P(t) x(g(t)))+Q(t) x(h(t))=0 \tag{1}
\end{equation*}
$$

where $L$ is an odd-order- $\Delta$ quasi-differential operator. We assume that $\sup \mathbb{T}=\infty$ and that both $g(t)$ and $h(t) \rightarrow \infty$ as $t \rightarrow \infty$ and $g(t)<t$ for all large $t . P(t)$ and $Q(t)$ are both nonnegative. A solution $x$ of this equation is a continuous function for which the $\Delta$-derivatives in $L$ exists and (1) is satisfied on some interval $[a, \infty)$. In this work we place interval conditions on the way $g$ and $h$ map $\mathbb{T}$ to $\mathbb{T}$ that allow us to establish sufficient conditions for oscillation of all solutions of (1) under various assumptions on $P$ and $Q$. Examples for $T=\mathbb{R}$ and $T=\mathbb{Z}$ are given. (Received June 13, 2005)

