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**Seshadev Padhi\*** ([ses\\_2312@yahoo.co.in](mailto:ses_2312@yahoo.co.in)), Dept of Appl Math, Birla Institute of Technology, Mesra, Ranchi, 835215, India. *Existence of positive solutions of a first order dynamic equations on time scales.*

This paper is concerned with the existence of three positive  $T$ -periodic solutions of the first order functional differential equations of the form

$$x^\Delta(t) = a(t)x(\sigma(t)) - \lambda b(t)f(t, x(h(t))),$$

where  $a(t)$ ,  $b(t)$  and  $\tau(t)$  are positive  $T$ -periodic functions, and  $\lambda$  is a positive parameter. Leggett-Williams multiple fixed point theorem has been used to prove our results. Our results extend and improve some results in the literature. (Received September 23, 2010)