1006-54-165 **Christopher G. Mouron*** (`mouronc@rhodes.edu`), Department of Mathematics, Rhodes College, Memphis, TN 38112. *Progress on the fixed point property for simple triod-like continua.* Preliminary report.

A topological space X has the fixed point property if for every continuous function $f : X \longrightarrow X$ there exists $x \in X$ such that $f(x) = x$. A continuum X is simple triod-like if for every $\epsilon > 0$ there exists a continuous function $f_\epsilon : X \longrightarrow T$ such that T is a simple triod and $\text{diam}(f_\epsilon^{-1}(t)) < \epsilon$ for each $t \in T$. I will discuss the progress made and some special cases where simple triod-like continua have the fixed point property. (Received February 14, 2005)