

w_locl^{0,22}

$w_locl(w;x;y) \equiv_{\text{def}} x \lambda x,y. \neg \text{first}(y) \ \& \ x = \text{pred}(y) \hat{+} \ y$

clarification:

$w_locl(w;x;y)$

$\equiv_{\text{def}} x$
 $\text{rel_plus}(w\text{-E}(w);$
 $(\lambda x,y. \neg \text{first}(\lambda e.w\text{-pred}(w;e);y) \ \& \ x = \text{pred}(\lambda e.w\text{-pred}(w;e);y) \in w\text{-E}(w))) \ y$