

w-pred-null^{11,40}

$\forall w:\text{World}, e:E.$

$(\neg(\uparrow\text{first}(e)))$

$\Rightarrow (\forall t:\mathbb{N}. ((\text{time}(\text{pred}(e))+1) \leq t) \Rightarrow (t < \text{time}(e)) \Rightarrow (\uparrow\text{isnull}(\text{a}(\text{loc}(e);t))))$