

l-ordered-no_repeats^{0,22}

$\forall T:\text{Type}, as:T \text{ List}, R:(T \rightarrow T \rightarrow \text{Prop})$.

$(\forall x:T. \neg R(x,x)) \Rightarrow \text{l-ordered}(T;x,y.R(x,y);as) \Rightarrow \text{no_repeats}(T;as)$