

no_repeats_map^{11,40}

$\forall T:\text{Type}, L:(T \text{ List}).$

$\text{no_repeats}(T;L)$

$\Rightarrow (\forall A:\text{Type}, f:(\{x:T \mid (x \in L)\} \rightarrow A). \text{Inj}(\{x:T \mid (x \in L)\} ;A;f) \Rightarrow \text{no_repeats}(A;\text{map}(f;L)))$