

Inference at \*  
of proof for Lemma nil\_member-variant:

$\vdash \forall T, A:\text{Type}, x:T. (A \subseteq_r T) \Rightarrow ((x \in []) \iff \text{False})$   
by Unfold 'l\_member' 0 THEN Auto THEN All Reduce THEN ExRepD THEN Auto

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