

Inference at * 1
of proof for Lemma length-lastn:

1. $A : \text{Type}$
 2. $L : A \text{ List}$
 3. $n : \mathbb{N}$
 4. $n \leq \|L\|$
- $\vdash \|nth_tl(\|L\| - n; L)\| = n$
by ((RWO "length_nth_tl" 0)
CollapseTHEN (Auto')).