

Inference at \* 1  
of proof for Lemma select\_nth\_tl:

1.  $T$  : Type

2.  $T$  List

$\vdash \forall n:\{0 \dots 0\}, i:\{0..(0 - n)^-\}. \text{nth\_tl}(n;[])[i] = [][(i+n)]$   
by (Auto\_aux (first\_nat 1:n) ((first\_nat 2:n),(first\_nat 3:n)) (first\_tok SupInf:t)  
) inil\_term)

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