

Inference at * 2 2 1
of proof for Lemma select_nth_tl:

1. T : Type
2. T List
3. u : T
4. v : T List
5. $\forall n:\{0.. \|v\|\}, i:\{0..(\|v\| - n)^-\}. \text{nth_tl}(n;v)[i] = v[(i+n)]$
6. n : $\{0.. \|v\|+1\}$
7. i : $\{0..(\|v\|+1) - n\}^-$
8. $0 < n$

$\vdash v[(i+(n - 1))] = [u / v][(i+n)]$
by ((RWO "select_cons_tl" 0)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 2:n
(first_nat 3:n)) (first_tok SupInf:t) inil_term))))).