Inference at $*$ 1 1 1 1 1
 of proof for Lemma nth_tl_is_fseg:

.....falsecase..... NILNIL

1. T : Type
2. L_1 : T List
3. T List
4. T
5. v : T List
6. L_1 = nth_tl($\|v\|$;v @ L_1)
7. 0 < ($\|v\|$+1)

$\vdash L_1$ = nth_tl(($\|v\|$+1) - 1;v @ L_1)
  by ((ArithSimp 0)
  CollapseTHEN (Auto·))·

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