

Inference at * 3
of proof for Lemma length_of_not_nil:

1. $A : \text{Type}$
2. $u : A$
3. $v : A \text{ List}$
4. $(\|v\|+1) \geq 1$

$\vdash \neg([u / v] = [])$
by ((BLemma 'cons_neq_nil'
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n
,(first_nat 4:n)) (first_tok :t) inil_term))))).