

Inference at * 1
of proof for Lemma length_of_not_nil:

1. $A : \text{Type}$
2. $\neg([] = [])$
 $\vdash 0 \geq 1$
by ((D 2)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n
)) (first_tok :t) inil_term)))·