

Inference at * 2
of proof for Lemma not_over_exists:

1. T : Type

2. Q : $T \rightarrow \mathbb{P}$

3. $\forall x:T. \neg Q(x)$

$\vdash \neg(\exists x:T. Q(x))$

by ((((((D 0

CollapseTHENM (D (-1))))).)

CollapseTHENM (With x (D 3))))).

CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t
) inil_term))).

.