

Inference at * 1
of proof for Lemma not_over_exists:

1. $T : \text{Type}$
2. $Q : T \rightarrow \mathbb{P}$
3. $\neg(\exists x:T. Q(x))$

4. $x : T$

$\vdash \neg Q(x)$

by ((((((D 0)

CollapseTHENM (D 3)).)

CollapseTHENM (With x (D 0))).)

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

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