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

1. T : Type
2. Q : $T \to \mathbb{P}$
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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