

Inference at *
of proof for Lemma dneg_elim_a:

$\vdash \forall A:\mathbb{P}. \text{Dec}(A) \Rightarrow ((\neg\neg A) \iff A)$
by ((GenRepD)
CollapseTHENA ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n
)) (first_tok :t) inil_term))).

1:

1. $A : \mathbb{P}$
 2. $\text{Dec}(A)$
 3. $\neg\neg A$
- $\vdash A$

2:

1. $A : \mathbb{P}$
 2. $\text{Dec}(A)$
 3. A
- $\vdash \neg\neg A$

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