

Inference at * 1
of proof for Lemma not_over_or:

1. $A : \mathbb{P}$
2. $B : \mathbb{P}$
3. $\neg(A \vee B)$
 $\vdash \neg A$
by (((D 0)
CollapseTHENM (D 3)).)
CollapseTHENA ((Auto_aux (first_nat 1:n
) ((first_nat 1:n),(first_nat 4:n)) (first_tok :t) inil_term))).

1:

3. A
 $\vdash A \vee B$

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