Inference at $*$ 3
of proof for Lemma not_over_or:

1. $A : \mathbb{P}$
2. $B : \mathbb{P}$
3. $(\neg A) \wedge (\neg B)$

$\vdash \neg(A \vee B)$

by ((D 0)
CollapseTHENA ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n
)) (first_tok :t) inil_term)))·

1:

4. $A \vee B$

$\vdash$ False

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