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

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