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
    $\vdash A \vee B$
  .