

Inference at *
of proof for Lemma not_over_and_b:

$\vdash \forall A, B : \mathbb{P}. ((\neg A) \vee (\neg B)) \Rightarrow (\neg(A \& B))$
by (((UnivCD)
CollapseTHENM (D 0)).)
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. $B : \mathbb{P}$
 3. $(\neg A) \vee (\neg B)$
 4. $A \& B$
- $\vdash \text{False}$

.