

Inference at * 1 2
of proof for Lemma not_over_and:

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1. A :  $\mathbb{P}$ 
2. B :  $\mathbb{P}$ 
3. Dec(A)
4.  $\neg(A \ \& \ B)$ 
5.  $\neg A$ 
 $\vdash (\neg A) \vee (\neg B)$ 
  by ((Sel 1 (D 0))
  CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat
    3:n)) (first_tok :t) inil_term))).
```