

Inference at * 1 4
of proof for Lemma decidable_implies:

1. $P : \mathbb{P}$
2. $Q : \mathbb{P}$
3. $\neg P$
4. $\neg Q$

$\vdash (P \Rightarrow Q) \vee (\neg(P \Rightarrow Q))$
by ((DNth 1 0)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)
)) (first_tok :t) inil_term)))