

Inference at * 1 1
of proof for Lemma decidable_and:

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

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