

Inference at * 1 1 2
of proof for Lemma decidable_implies_better:

1. $P : \mathbb{P}$
 2. $Q : \cap x:P.\mathbb{P}$
 3. $\neg P$
 4. $P \Rightarrow \text{Dec}(Q)$
- $\vdash (P \Rightarrow Q) \vee (\neg(P \Rightarrow Q))$
by Assert $(P \Rightarrow Q) \in \mathbb{P}$

1:assertion..... NILNIL

$\vdash (P \Rightarrow Q) \in \mathbb{P}$

2:

5. $(P \Rightarrow Q) \in \mathbb{P}$
 $\vdash (P \Rightarrow Q) \vee (\neg(P \Rightarrow Q))$

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