

Inference at * 1
of proof for Lemma branch_wf:

....subterm.... T:t1:n

1. $P : \mathbb{P}$
 2. $d : \text{Dec}(P)$
 3. $T : \text{Type}$
 4. $P \rightarrow T$
 5. T
- $\vdash d \in (P + (\neg P))$
by ((Fold ‘or‘ 0)
CollapseTHEN (Fold ‘decidable‘ 0).)
CollapseTHEN (Auto.)).