

Inference at * 1
of proof for Lemma `decidable_equal_bool`:

1. $a : \mathbb{B}$
2. $b : \mathbb{B}$
 $\vdash \text{Dec}(a = b)$
by ((Unfold 'decidable' 0)
CollapseTHEN (AllBoolInd)).

1:

(no hyps)
 $\vdash (tt = tt) \vee (\neg(tt = tt))$

2:

(no hyps)
 $\vdash (ff = tt) \vee (\neg(ff = tt))$

3:

(no hyps)
 $\vdash (tt = ff) \vee (\neg(tt = ff))$

4:

(no hyps)
 $\vdash (ff = ff) \vee (\neg(ff = ff))$

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