

Inference at *
of proof for Lemma bool_ind:

$\vdash \forall P : (\mathbb{B} \rightarrow \mathbb{P}). P(\text{ff}) \Rightarrow P(\text{tt}) \Rightarrow \{\forall b : \mathbb{B}. P(b)\}$
by (((Unfold 'guard' 0)
CollapseTHEN (UnivCD)).)
CollapseTHENA (
(Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term))).

1:

1. $P : \mathbb{B} \rightarrow \mathbb{P}$
 2. $P(\text{ff})$
 3. $P(\text{tt})$
 4. $b : \mathbb{B}$
- $\vdash P(b)$

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