

Inference at *
of proof for Lemma squash_functionality_wrt_implies:

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 $\vdash \forall P, Q : \mathbb{P}. \{P \Rightarrow Q\} \Rightarrow \{(\downarrow P) \Rightarrow (\downarrow Q)\}$ 
  by (((Unfold 'guard' 0)
    CollapseTHEN (RepD)).)
  CollapseTHEN ((Auto_aux (first_nat
    1:n) ((first_nat 1:n), (first_nat 3:n)) (first_tok :t) inil_term))).

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1:

1. $P : \mathbb{P}$
 2. $Q : \mathbb{P}$
 3. $P \Rightarrow Q$
 4. $\downarrow P$
- $\vdash \downarrow Q$

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