

Inference at * 1
of proof for Lemma sq_stable_all:

1. $A : \text{Type}$
2. $P : A \rightarrow \mathbb{P}$
3. $\forall x:A. (\downarrow P(x)) \Rightarrow P(x)$
4. $\downarrow (\forall x:A. P(x))$
5. $x : A$

$\vdash P(x)$
by ((BackThruHyp 3)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n
), (first_nat 4:n)) (first_tok :t) inil_term))))).

1:

$\vdash \downarrow P(x)$

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