

Inference at * 1 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. $x : A$

$\vdash \downarrow P(x)$
by (((BasicSquashHD 4)
CollapseTHEN (TrivializeConcl)).)
CollapseTHEN (SquashCD)).

1:

4. $\forall x:A. P(x)$
5. $x : A$

$\vdash P(x)$

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