

Inference at *
of proof for Lemma sq_stable_all:

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⊢ ∀A:Type, P:(A → ℙ). (∀x:A. SqStable(P(x))) ⇒ SqStable(∀x:A. P(x))
  by (((Unfold 'sq_stable' 0)
    CollapseTHEN (UnivCD)).)
  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. $A : \text{Type}$
2. $P : A \rightarrow \mathbb{P}$
3. $\forall x:A. (\downarrow P(x)) \Rightarrow P(x)$
4. $\downarrow (\forall x:A. P(x))$
5. $x : A$
- ⊢ $P(x)$

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