

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. $x : A$
- ⊢ $P(x)$
- .