

Inference at * 1 1 1 1 1
of proof for Lemma sq_stable_iff_stable:

1. $\text{XM}\{i'\}$
2. $P : \mathbb{P}$
3. $(\downarrow P) \Rightarrow P$
4. $\neg\neg P$
 $\vdash \downarrow P$
by ((Decide P)
CollapseTHENA ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat
3:n)) (first_tok :t) inil_term))).

1:

5. P
 $\vdash \downarrow P$

2:

5. $\neg P$
 $\vdash \downarrow P$

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