

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

1. $P : \mathbb{P}$
2. $Q : \mathbb{P}$
3. $(\downarrow P) \Rightarrow P$
4. $(\downarrow Q) \Rightarrow Q$
5. $P \wedge Q$

$\vdash \downarrow P$
by ((SquashCD
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n
)) (first_tok :t) inil_term))))