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. $P$ & $Q$

$\vdash \downarrow P$

by ((SquashCD)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n
)) (first_tok :t) inil_term)))·

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_101957_{sq_stable__and}1_1_1.html