

Inference at * 1
of proof for Lemma squash_elim:

1. $P : \mathbb{P}$
 2. $(\downarrow P) \Rightarrow P$
 3. $\downarrow P$
- $\vdash P$
by ((BackThruHyp 2)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n
) ,(first_nat 4:n)) (first_tok :t) inil_term))))·