

Inference at * 2
of proof for Lemma squash_elim:

```

1.  $P : \mathbb{P}$ 
2.  $(\downarrow P) \Rightarrow P$ 
3.  $P$ 
 $\vdash \downarrow P$ 
  by ((D 0)
    CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 4:n)
      )) (first_tok :t) inil_term)))
.

```