

Inference at *
of proof for Lemma squash_elim:

```
⊢∀P:ℙ. SqStable(P) ⇒ ((↓P) ⇔ P)
by ((Unfold 'sq_stable' 0)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n
), (first_nat 3:n)) (first_tok :t) inil_term))))
```

1:

1. $P : \mathbb{P}$
 2. $(\downarrow P) \Rightarrow P$
 3. $\downarrow P$
- ⊢ P

2:

1. $P : \mathbb{P}$
 2. $(\downarrow P) \Rightarrow P$
 3. P
- ⊢ $\downarrow P$