

Inference at * 1
of proof for Lemma sq_stable_iff:

```

1.  $P : \mathbb{P}$ 
2.  $Q : \mathbb{P}$ 
3. SqStable( $P$ )
4. SqStable( $Q$ )
 $\vdash \text{SqStable}(P \iff Q)$ 
  by InteriorProof (((Repeat (Unfolds "iff rev_implies" 0))
    CollapseTHEN (
      Backchain "sq_stable_and sq_stable_implies")·)
    CollapseTHEN (
      (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok
        :t) inil_term))))·

```