

Inference at \*  
of proof for Lemma sq\_stable\_sym:

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⊢∀T:Type, R:(T→T→ ℙ). (∀x, y:T. SqStable(R(x,y))) ⇒ SqStable(Sym(T;y,x.R(x,y)))
  by ((Unfold 'sym' 0)
    CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n
      ),(first_nat 3:n)) (first_tok :t) inil_term))))

```