

Inference at \*  
of proof for Lemma sq\_stable\_from\_decidable:

$\vdash \forall P:\mathbb{P}. \text{Dec}(P) \Rightarrow \text{SqStable}(P)$   
by InteriorProof (((UnivCD)  
CollapseTHENM (Backchain

“sq\_stable\_from\_stable stable\_from\_decidable“).)

CollapseTHEN ((Auto\_aux (first\_nat 1:n) ((first\_nat 1:n),(first\_nat  
3:n)) (first\_tok :t) inil\_term))).