

Inference at \*  
of proof for Lemma or\_false\_1:

$\vdash \forall A:\mathbb{P}. (\text{False} \vee A) \iff A$   
by (((RepD)  
CollapseTHENM (ProveProp1)).)  
CollapseTHENA ((Auto\_aux (first\_nat 1:n  
 ) ((first\_nat 1:n),(first\_nat 3:n)) (first\_tok :t) inil\_term))).