

Inference at * 1 1 3 2
of proof for Lemma gen_hyp_tp:

.....wf..... NILNIL

1. $A : \text{Type}$
 2. $e : A$
 3. $H : A \rightarrow \text{Type}$
 4. $H(e)$
 5. $A \in \text{Type}$
 6. $e \in A$
- $\vdash A \in \text{Type}$
by (SoftNthHyp (-2))

.