

Inference at * 1 1 4 1 3
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. $e \in A$
7. $\forall x:A. (e = x) \in \text{Type}$
8. $x : A$

$\vdash (e = x) \in \text{Type}$
by ((MemCD)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 4:n)
)) (first_tok :t) inil_term)))·