

Inference at * 1 1 4 2
of proof for Lemma gen_hyp_tp:

1. $A : \text{Type}$
2. $e : A$
3. $H : A \rightarrow \text{Type}$
4. $\exists x:A. (e = x)$
5. $z : H(e)$
6. $A \in \text{Type}$
7. $e \in A$
8. $\forall x:A. (e = x) \in \text{Type}$

$\vdash z \neq 0$
by (\p.D (get_int_arg 'i' p) p)

1:

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