

Inference at * 1 1 1 2 1
of proof for Lemma nat_ind_tp:

1. $P : \mathbb{N} \rightarrow \mathbb{P}\{k\}$
2. $P(0)$
3. $\forall i:\mathbb{N}^+. P(i - 1) \Rightarrow P(i)$
4. $0 \geq 0$
 $\vdash P(0)$
by ((Thin (-1))
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1:basecase..... NILNIL

3. $\forall i:\mathbb{N}^+. P(i - 1) \Rightarrow P(i)$
 $\vdash P(0)$

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