

Inference at * 1 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. $i : \mathbb{N}$
 $\vdash P(i)$
by (%S% \p.AbSetHD (get_int_arg 'hn' p) p)

1:

4. $i : \mathbb{Z}$
5. $i \geq 0$
 $\vdash P(i)$

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