

Inference at * 1 1 1 2 2 0
of proof for Lemma nat_ind_tp:

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

1. $P : \mathbb{N} \rightarrow \mathbb{P}\{k\}$
 2. $P(0)$
 3. $\forall i:\mathbb{N}^+. P(i - 1) \Rightarrow P(i)$
- $\vdash (0 \geq 0) \in \mathbb{P}_1$
by PERMUTE $\{1:n, 1:n\}$

1:subterm..... T:t1:n

$\vdash 0 \in \mathbb{Z}$

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