

Inference at * 1 1 1 3 1 2
of proof for Lemma nat_ind_tp:

1. $P : \mathbb{N} \rightarrow \mathbb{P}\{\mathbf{k}\}$
 2. $P(0)$
 3. $\forall i:\mathbb{N}^+. P(i - 1) \Rightarrow P(i)$
 4. $i : \mathbb{Z}$
 5. $0 < i$
 6. $P(i - 1)$
- $\vdash P(i)$
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$\vdash P(i)$

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