

Inference at * 1 1 1 3 1 2
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. $i : \mathbb{Z}$
5. $0 < i$
6. $P(i - 1)$

$\vdash P(i)$
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$\vdash P(i)$

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