

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

.....basecase..... NILNIL

1. $P : \mathbb{N} \rightarrow \mathbb{P}\{\mathbf{k}\}$
 2. $P(0)$
 3. $\forall i:\mathbb{N}^+. P(i - 1) \Rightarrow P(i)$
- $\vdash P(0)$
by Id

1:basecase..... NILNIL

$\vdash P(0)$

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