

Inference at * 1 1
of proof for Lemma nat_ind:

....basecase.... NILNIL

1. $P : \mathbb{N} \rightarrow \mathbb{P}\{k\}$

2. $P(0)$

3. $\forall i:\mathbb{N}^+. P(i - 1) \Rightarrow P(i)$

$\vdash P(0)$

by (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 4:n)) (first_tok :t) inil_term)

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