

Inference at * 1 2
of proof for Lemma nat_ind:

.....upcase..... NILNIL

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

$\vdash P(j)$
by ((BackThruHyp 3)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n
), (first_nat 3:n)) (first_tok :t) inil_term)))).

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