

Inference at \* 1 3 1 0 1  
of proof for Lemma fincr\_wf:

....assertion.... NILNIL

1.  $P : \mathbb{N} \rightarrow \mathbb{P}_1$
  2.  $\forall j:\mathbb{N}. (\forall k:\mathbb{N}. (k < j) \Rightarrow (P(k))) \Rightarrow (P(j))$
  3.  $\mathbb{N}$
- $\vdash \forall zz, n:\mathbb{N}. (n < zz) \Rightarrow (P(n))$   
by ( $\backslash$ p.Thin (get\_int\_arg 'hn' p) p)

1:

2.  $\forall j:\mathbb{N}. (\forall k:\mathbb{N}. (k < j) \Rightarrow (P(k))) \Rightarrow (P(j))$   
 $\vdash \forall zz, n:\mathbb{N}. (n < zz) \Rightarrow (P(n))$
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