

Inference at \* 1 3 1 0 2 3  
of proof for Lemma fincr\_wf:

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.  $n : \mathbb{N}$
  4.  $(n < (n+1)) \Rightarrow (P(n))$
- $\vdash P(n)$   
by (D (-1))

1: .....antecedent..... NILNIL

3.  $n : \mathbb{N}$
- $\vdash n < (n+1)$

2:

4.  $P(n)$
- $\vdash P(n)$

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