

Inference at * 1 3 1 0 2 3 1
of proof for Lemma fincr_wf:

.....antecedent..... 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. $n : \mathbb{N}$
- $\vdash n < (n+1)$
by (((Arith
CollapseTHEN (MemCD)).)
CollapseTHEN (MemCD)).