Inference at $*$ 1 3 1 0 2 1 3
 of proof for Lemma fincr_wf2:

. . . . .wf. . . . . NILNIL

1. $P : \mathbb{N} \to \mathbb{P}_1$
2. $\forall j$:$\mathbb{N}$. $(\forall k$:$\mathbb{N}$. $(k < j) \Rightarrow (P(k))) \Rightarrow (P(j))$
3. $\mathbb{N}$
4. $i : \mathbb{Z}$

$\vdash (0 \leq i) \in$ Type
 by ((MemEqCD)
 CollapseTHEN (MemEqCD))$\cdot$

.