Inference at $*$ 1 3 1 0 2 1
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. $n : \mathbb{N}$

$\vdash n{+}1 \in \mathbb{N}$
by ArithMemberReflEqTypeCD

1:

$\vdash n{+}1 \in \mathbb{Z}$

2: . . . . .set predicate. . . . . NILNIL

$\vdash 0 \leq (n{+}1)$

3: . . . . .wf. . . . . NILNIL

4. $i : \mathbb{Z}$

$\vdash (0 \leq i) \in \text{Type}$

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