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

. . . . .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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http://www.nuprl.org/FDLcontent/p0_942988_/p121_83200_{fincr_formation}1_1_1_0_2_1.html