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

. . . . .assertion. . . . . 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. $\mathbb{N}$

$\vdash \forall zz, n{:}\mathbb{N}.\ (n < zz) \Rightarrow (P(n))$
by (\p.Thin (get_int_arg 'hn' p) p)

1:

2. $\forall j{:}\mathbb{N}.\ (\forall k{:}\mathbb{N}.\ (k < j) \Rightarrow (P(k))) \Rightarrow (P(j))$
$\vdash \forall zz, n{:}\mathbb{N}.\ (n < zz) \Rightarrow (P(n))$

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_83200_{fincr_formation}1_1_1_0_1.html