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

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. $n : \mathbb{N}$

$\vdash P(n)$

by (%S%
\p. let i = var_of_hyp (get_int_arg ‘hn‘ p) p in

let z = get_distinct_var ‘zz’ p in
Assert
(mk_all_term z ℕ
(
mk_all_term i ℕ
(mk_implies_term
(mk_less_than_term (mvt i) (
mvt z))
(concl p))))
p)

1: . . . . .assertion. . . . . NILNIL

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

2:

4. $\forall zz$, n:$\mathbb{N}$. $(n < zz) \Rightarrow (P(n))$

$\vdash P(n)$

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