Inference at $*$ 1 1 1 1
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. $n : \mathbb{N}$
4. $\forall n_1$:$\mathbb{N}$. $(n_1 < n) \Rightarrow (P(n_1))$

$\vdash P(n)$

by ((((With n (D (-3)))
CollapseTHENM (D (-1)))·)
CollapseTHEN (
(Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 4:n)) (first_tok :t) inil_term)))·

.

---

http://www.nuprl.org/FDLcontent/p0_942988_/p121_83200_{fincr_formation}1_1_1_1.html