Inference at $*$ 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. $n : \mathbb{N}$

$\vdash P(n)$

by InteriorProof (CompNatInd (-1))

1:

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

$\vdash P(n)$

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_83200_{fincr_formation}1_1_1.html