Inference at $*$ 1 1
of proof for Lemma comp_nat_ind_tp:

1. $P : \mathbb{N} \to \mathbb{P}\{\mathrm{k}\}$
2. $\forall i{:}\mathbb{N}.\ (\forall j{:}\mathbb{N}.\ (j < i) \Rightarrow P(j)) \Rightarrow P(i)$
3. $i : \mathbb{N}$

$\vdash P(i)$

by PushArgs [‘hn‘,int_to_arg 3]

1:

$\vdash P(i)$

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_94017_{comp_nat_ind_tp}1_1.html