

Inference at * 1 1 1 0 2 3
of proof for Lemma fincr_formation:

1. $P : \mathbb{N} \rightarrow \mathbb{P}_1$
 2. $\forall j:\mathbb{N}. (\forall k:\mathbb{N}. (k < j) \Rightarrow (P(k))) \Rightarrow (P(j))$
 3. $n : \mathbb{N}$
 4. $(n < (n+1)) \Rightarrow (P(n))$
- $\vdash P(n)$
by (D (-1))

1:antecedent..... NILNIL

3. $n : \mathbb{N}$
- $\vdash n < (n+1)$

2:

4. $P(n)$
- $\vdash P(n)$

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