

Inference at * 1 3 1 1 1
of proof for Lemma fincr_wf:

1. $P : \mathbb{N} \rightarrow \mathbb{P}_1$
2. $n : \mathbb{N}$
3. $\forall n_1 : \mathbb{N}. (n_1 < n) \Rightarrow (P(n_1))$
4. $(\forall k : \mathbb{N}. (k < n) \Rightarrow (P(k))) \Rightarrow (P(n))$

$\vdash P(n)$
by ((D (-1))
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 4:n
)) (first_tok :t) inil_term)))
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