

Inference at * 1 1
of proof for Lemma fib_wf:

...truecase.... NILNIL

1. $n : \mathbb{N}$
 2. $\forall n_1 : \mathbb{N}. (n_1 < n) \Rightarrow (\text{fib}(n_1) \in \mathbb{N})$
 3. $(n = 0) \vee (n = 1)$
- $\vdash 1 \in \mathbb{N}$
by (Auto_aux (first_nat 1:n) ((first_nat 2:n),(first_nat 3:n)) (first_tok :t) inil_term)