Inference at * 1 3 1 0
 of proof for Lemma fincr_wf2:

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 (%S%
\p. let i = var_of_hyp (get_int_arg ‘hn‘ p) p in

      let z = get_distinct_var ‘zz’ p in
    Assert
    (mk_all_term z ℕ
         (
  mk_all_term i ℕ
           (mk_implies_term
               (mk_less_than_term (mvt i) (
  mvt z))
          (concl p))))
     p)
```

1: . . . . .assertion. . . . . NILNIL

$\vdash \forall zz, n$:$\mathbb{N}$. $(n < zz) \Rightarrow (P(n))$

2:

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

$\vdash P(n)$

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