

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

```

1. P : ℕ → ℙ1
2. ∀j:ℕ. (∀k:ℕ. (k < j) ⇒ (P(k))) ⇒ (P(j))
3. n : ℕ
4. ∀n1:ℕ. (n1 < n) ⇒ (P(n1))
⊢ P(n)
  by ((With n (D 2))
    THENW ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 4:n
      )) (first_tok :t) inil_term)))·

```

1:

```

2. n : ℕ
3. ∀n1:ℕ. (n1 < n) ⇒ (P(n1))
4. (∀k:ℕ. (k < n) ⇒ (P(k))) ⇒ (P(n))
⊢ P(n)
.

```