

Inference at * 1 4 2
of proof for Lemma fincr_wf:

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1. i : ℕ
2. f : {f | i:{z:ℕ | z < i} → if (i =0 0) then ℤ else {f(i - 1)...} fi }
3. ∀j:{k:ℕ | k < i} . f(j) ∈ ℤ
⊢if (i =0 0) then ℤ else {f(i - 1)...} fi ∈ Type
  by ((SplitITE 0)
    CollapseTHEN (Try (((Auto_aux (first_nat 1:n) ((first_nat 1:n
      ),(first_nat 3:n)) (first_tok :t) inil_term))
    CollapseTHEN (Fail)).)).
1: .....falsecase..... NILNIL

4. i ≠ 0
⊢ {f(i - 1)...} ∈ Type
.

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