

Inference at * 1 2 2
of proof for Lemma fincr_formation:

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1. i : ℕ
2. f : {f | i:{i₁:ℕ | i₁ (λi,j. i < j) 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
  by ((SplitITE 0)
    THENW ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)
      )) (first_tok :t) inil_term)))·

1: .....truecase..... NILNIL

      4. i = 0
      ⊢ ℤ
2: .....falsecase..... NILNIL

      4. i ≠ 0
      ⊢ {f(i - 1)...}
.

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