

Inference at * 1 1
of proof for Lemma eq_int_eq_false_elim_sqeual:

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1. i : ℤ
2. j : ℤ
3. (i =0 j) ~ ff
⊢ i ≠ j
  by (λp. let x, y = dest_sqeual (h (-1) p) in
      (Assert (
mk_equal_term bool_term y y)
      THENL [(Auto_aux (first_nat 1:n) ((first_nat 1:n
), (first_nat 3:n)) (first_tok :t) inil_term); SqSubstAtAddr [2] x (-1)

      THENL [(Auto_aux (first_nat 1:n) ((first_nat 1:n), (first_nat 4:n
)) (first_tok :t) inil_term); Id]]) p)

1:

4. (i =0 j) = ff
⊢ i ≠ j
.

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