

Inference at * 1 2
of proof for Lemma eq_int_cases_test:

....falsecase.... NILNIL

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1. A : Type
2. x : A
3. y : A
4. P : A →  $\mathbb{P}$ 
5. i :  $\mathbb{Z}$ 
6. j :  $\mathbb{Z}$ 
7. P(y)
8. i ≠ j
⊢ P(if (i =0 j) then x else y fi )
  by ((EqIntCases 0)
    CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 2:n
      ),(first_nat 3:n)) (first_tok :t) inil_term))))

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