

Inference at * 1
of proof for Lemma eq_int_eq_false_elim:

1. $i : \mathbb{Z}$
2. $j : \mathbb{Z}$
3. $(i =_0 j) = \text{ff}$
 $\vdash i \neq j$
by ((Decide $i = j$)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n
(first_nat 4:n)) (first_tok :t) inil_term))))).

1:

4. $i = j$
 $\vdash i \neq j$
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