

Inference at *
of proof for Lemma eq_int_eq_false_elim_sqeual:

$\vdash \forall i, j : \mathbb{Z}. ((i =_0 j) \sim \text{ff}) \Rightarrow i \neq j$
by (RepeatFor 2 ((D 0)
THENW ((Auto_aux (first_nat 1:n) ((first_nat 1:n), (first_nat
3:n)) (first_tok :t) inil_term)))

1:

1. $i : \mathbb{Z}$
 2. $j : \mathbb{Z}$
- $\vdash ((i =_0 j) \sim \text{ff}) \Rightarrow i \neq j$
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