

Inference at *
of proof for Lemma lt_int_eq_true_elim_sqeual:

$\vdash \forall i, j : \mathbb{Z}. (i <_Z j \sim \text{tt}) \Rightarrow (i < j)$
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. $j : \mathbb{Z}$
- $\vdash (i <_Z j \sim \text{tt}) \Rightarrow (i < j)$

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