

Inference at *
of proof for Lemma lt_int_eq_true_elim:

$\vdash \forall i, j : \mathbb{Z}. (i <_Z j = \text{tt}) \Rightarrow (i < j)$
by ((UnivCD)
CollapseTHEN ((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. $j : \mathbb{Z}$
 3. $i <_Z j = \text{tt}$
- $\vdash i < j$

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