

Inference at *
of proof for Lemma eq_int_eq_true_elim:

$\vdash \forall i, j : \mathbb{Z}. ((i =_0 j) = \text{tt}) \Rightarrow (i = j)$
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. $(i =_0 j) = \text{tt}$
- $\vdash i = j$

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