

Inference at * 1
of proof for Lemma eq_int_eq_true_elim_sqeual:

1. $i : \mathbb{Z}$
2. $j : \mathbb{Z}$
 $\vdash ((i =_0 j) \sim \text{tt}) \Rightarrow (i = j)$
by D 0

1:

3. $(i =_0 j) \sim \text{tt}$
 $\vdash i = j$
2:wf..... NILNIL

$\vdash ((i =_0 j) \sim \text{tt}) \in \text{Type}$
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