

Inference at * 1
of proof for Lemma lt_int_eq_true_elim_sqeual:

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

1:

3. $i <_{\mathbb{Z}} j \sim \text{tt}$
 $\vdash i < j$
2:wf..... NILNIL

$\vdash (i <_{\mathbb{Z}} j \sim \text{tt}) \in \text{Type}$
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