

Inference at \* 1 2  
of proof for Lemma lt\_int\_eq\_true\_elim\_sqeual:

.....wf..... NILNIL

1.  $i : \mathbb{Z}$   
2.  $j : \mathbb{Z}$   
 $\vdash (i <_{\mathbb{Z}} j \sim \text{tt}) \in \text{Type}$   
by MemCD

1: .....subterm..... T:t1:n

$\vdash i <_{\mathbb{Z}} j \sim i <_{\mathbb{Z}} j$

2: .....subterm..... T:t2:n

$\vdash \text{tt} \sim \text{tt}$

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