

Inference at * 1
of proof for Lemma eq_int_eq_false_elim_sqeual:

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

1:

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

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