Inference at $*$ 1 2
 of proof for Lemma lt_int_eq_false_elim_sqequal:

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

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

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

    $\vdash$ i <z j $\sim$ i <z j
  2: . . . . .subterm. T:t2:n

    $\vdash$ ff $\sim$ ff
  .