Inference at $*$ 1 1 0
of proof for Lemma bnot_of_le_int:

1. $i : \mathbb{Z}$
2. $j : \mathbb{Z}$
$\vdash (\neg_b \neg_b j <\text{z } i) = j <\text{z } i$
by PERMUTE{1:n, 2:n, 3:n, 3:n}

1: . . . . .wf. . . . . NILNIL

$\vdash \mathbb{B} = \mathbb{B}$
2: . . . . .wf. . . . . NILNIL

$\vdash j <\text{z } i \in \mathbb{B}$
3: . . . . .wf. . . . . NILNIL

$\vdash j <\text{z } i = j <\text{z } i$
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