Inference at $*$
of proof for Lemma bnot_of_le_int:

$\vdash \forall i, j{:}\mathbb{Z}.\ (\neg_b i \leq \mathrm{z}\ j) = j <\mathrm{z}\ i$
by ((UnivCD)
CollapseTHENA ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n
)) (first_tok :t) inil_term)))·

1:

1. $i : \mathbb{Z}$
2. $j : \mathbb{Z}$
$\vdash (\neg_b i \leq \mathrm{z}\ j) = j <\mathrm{z}\ i$

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