Inference at $*$
of proof for Lemma lt_int_eq_false_elim:

$\vdash \forall i, j{:}\mathbb{Z}.\ (i <\text{z}\ j = \text{ff}) \Rightarrow (\neg(i < j))$
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. $j : \mathbb{Z}$
3. $i <\text{z}\ j = \text{ff}$

$\vdash \neg(i < j)$

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_86595_{lt_int_eq_false_elim}.html