

Inference at *
of proof for Lemma assert_of_lt_int:

$\vdash \forall x, y : \mathbb{Z}. (\uparrow x <_Z y) \iff (x < y)$
by ((GenUnivCD)
CollapseTHENA ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat
3:n)) (first_tok :t) inil_term))).

1:

1. $x : \mathbb{Z}$
 2. $y : \mathbb{Z}$
 3. $\uparrow x <_Z y$
- $\vdash x < y$

2:

1. $x : \mathbb{Z}$
 2. $y : \mathbb{Z}$
 3. $x < y$
- $\vdash \uparrow x <_Z y$

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