Inference at $*$
of proof for Lemma assert_of_eq_int:

$\vdash \forall x, y{:}\mathbb{Z}.\ (\uparrow(x =_0 y)) \iff (x = y)$
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. $\uparrow(x =_0 y)$

$\vdash x = y$

2:

1. $x : \mathbb{Z}$
2. $y : \mathbb{Z}$
3. $x = y$

$\vdash \uparrow(x =_0 y)$

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_89446_{assert_of_eq_int}.html