

Inference at *
of proof for Lemma add_mono_wrt_eq:

$\vdash \forall a, b, n : \mathbb{Z}. (a = b) \iff (a+n = b+n)$
by ((GenUnivCD)
CollapseTHENA ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat
3:n)) (first_tok :t) inil_term))).

1:

1. $a : \mathbb{Z}$
 2. $b : \mathbb{Z}$
 3. $n : \mathbb{Z}$
 4. $a = b$
- $\vdash a+n = b+n$

2:

1. $a : \mathbb{Z}$
 2. $b : \mathbb{Z}$
 3. $n : \mathbb{Z}$
 4. $a+n = b+n$
- $\vdash a = b$

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