

Inference at *
of proof for Lemma add_cancel_in_lt:

$\vdash \forall a, b, n : \mathbb{Z}. ((a+n) < (b+n)) \Rightarrow (a < b)$
by ((UnivFmlaCD [])
CollapseTHEN ((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. $(a+n) < (b+n)$
- $\vdash a < b$

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