

Inference at *
of proof for Lemma add_functionality_wrt_lt:

$\vdash \forall i_1, i_2, j_1, j_2 : \mathbb{Z}. (i_1 < j_1) \Rightarrow (i_2 \leq j_2) \Rightarrow ((i_1 + i_2) < (j_1 + j_2))$
by ((UnivFmlaCD [])
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n
), (first_nat 3:n)) (first_tok :t) inil_term))))).

1:

1. $i_1 : \mathbb{Z}$
 2. $i_2 : \mathbb{Z}$
 3. $j_1 : \mathbb{Z}$
 4. $j_2 : \mathbb{Z}$
 5. $i_1 < j_1$
 6. $i_2 \leq j_2$
- $\vdash (i_1 + i_2) < (j_1 + j_2)$