

Inference at * 1 1

of proof for Lemma add_cancel_in_eq:

....assertion.... NILNIL

1. $a : \mathbb{Z}$

2. $b : \mathbb{Z}$

3. $n : \mathbb{Z}$

4. $a+n = b+n$

$\vdash ((a+n) - n) = ((b+n) - n)$

by (EqCD)

CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 4:n))
(first_tok :t) inil_term)))·

.