Inference at $*$
of proof for Lemma add_cancel_in_le:

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

$\vdash a \leq b$

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_76827_{add_cancel_in_le}.html