

Inference at *
of proof for Lemma absval_ubound:

$\vdash \forall i:\mathbb{Z}, n:\mathbb{N}. (|i| \leq n) \iff (((-n) \leq i) \ \& \ (i \leq n))$
by ((UnivCD)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n
)) (first_tok :t) inil_term))).

1:

1. $i : \mathbb{Z}$
 2. $n : \mathbb{N}$
- $\vdash (|i| \leq n) \iff (((-n) \leq i) \ \& \ (i \leq n))$
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