Inference at $*$
of proof for Lemma absval_zero:

$\vdash \forall i{:}\mathbb{Z}.\ (|i| = 0) \iff (i = 0)$
by ((((Unfold ‘absval‘ 0)
CollapseTHEN (UnivCD))·)
CollapseTHENA (
(Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)))·

1:

1. $i : \mathbb{Z}$
$\vdash$ (if $0 \leq$z i then i else -i fi $= 0) \iff (i = 0)$

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