Inference at $*$
of proof for Lemma minus_imax:

$\vdash \forall a, b{:}\mathbb{Z}.\ (\text{-imax}(a;b)) = \text{imin}(\text{-}a;\text{-}b)$
by ((Unfolds “imax imin“ 0)
CollapseTHEN ((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. $b : \mathbb{Z}$
$\vdash$ (-if $a \leq$z b then b else a fi) = if (-a) $\leq$z -b then -a else -b fi

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