

Inference at * 1
of proof for Lemma absval_wf:

1. $x : \mathbb{Z}$
 $\vdash \text{if } 0 \leq x \text{ then } x \text{ else } -x \text{ fi} \in \mathbb{N}$
by InteriorProof (((BoolCasesOnCExp $0 \leq x$)
CollapseTHENM (AbReduce 0)).)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 2:n),(first_nat
3:n)) (first_tok SupInf.t) inil_term))).