

Inference at * 1 1
of proof for Lemma absval_elim:

1. $P : \mathbb{Z} \rightarrow \mathbb{P}$
2. $x : \mathbb{N}$
3. $P(|x|)$
 $\vdash P(x)$
by ((MoveToConcl 3)
CollapseTHEN (Unfold 'absval' 0)).

1:

2. $x : \mathbb{N}$
 $\vdash (P(\text{if } 0 \leq_z x \text{ then } x \text{ else } -x \text{ fi})) \Rightarrow (P(x))$

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