Inference at $*$ 2 1 1
 of proof for Lemma absval_elim:

1. $P : \mathbb{Z} \to \mathbb{P}$
2. $\forall x{:}\mathbb{N}.\ P(x)$
3. $x : \mathbb{Z}$
4. $0 \leq x$

$\vdash P(x)$

 by ((BackThruHyp 2)
 CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n
 ),(first_nat 3:n)) (first_tok :t) inil_term)))·

 .

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_73055_{absval_elim}2_1_1.html