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

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

$\vdash P(x)$

by ((DTerm x 2)
CollapseTHENA ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)))·

1:

2. $x : \mathbb{N}$
3. $P(|x|)$

$\vdash P(x)$

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