

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

```
1. P : ℤ → ℙ
2. ∀x:ℕ. P(x)
3. x : ℤ
4. x < 0
⊢ P(-x)
  by ((BackThruHyp 2)
    CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 2:n
      ),(first_nat 3:n)) (first_tok SupInf:t) inil_term))))
.
```