

Inference at * 2
of proof for Lemma add_mono_wrt_lt:

```
1. a : ℤ
2. b : ℤ
3. n : ℤ
4. (a+n) < (b+n)
⊢ a < b
  by ((FwdThruLemma 'add_cancel_in_lt' [4])
    CollapseTHEN ((Auto_aux (first_nat 1:n
      ) ((first_nat 1:n),(first_nat 4:n)) (first_tok :t) inil_term)))).
```