

Inference at * 1
of proof for Lemma add_mono_wrt_le:

```
1. a : ℤ
2. b : ℤ
3. n : ℤ
4. a ≤ b
⊢ (a+n) ≤ (b+n)
  by ((Using ['n',-n](BackThruLemma 'add_cancel_in_le'))
    CollapseTHEN (
      (Auto_aux (first_nat 1:n) ((first_nat 2:n),(first_nat 3:n)) (first_tok :t) inil_term)))·
```