

Inference at * 1 1 1

of proof for Lemma l_before_antisymmetry:

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1. T : Type
2. l : T List
3. x : T
4. y : T
5. no_repeats(T;l)
6. [x; y] ⊆ l
7. [y; x] ⊆ l
⊢ [x; x] ⊆ [x; y; x]
  by InteriorProof (((((((((((((((RWO "cons_sublist_cons" 0)
    CollapseTHENA (
      (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok
        :t) inil_term))))))
    CollapseTHEN (OrLeft))·)
  CollapseTHEN (
    (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok
      :t) inil_term))))·)
  CollapseTHEN (RWO "cons_sublist_cons" 0))·)
      CollapseTHENA ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat
        3:n)) (first_tok :t) inil_term))))·)
  CollapseTHEN (OrRight))·)
      CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat
        3:n)) (first_tok :t) inil_term))))·)
  CollapseTHEN (Easy))·
```