

Inference at * 1 2
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
8. [x; x] ⊆ l
⊢ False
by InteriorProof (AllHyps (\i. ((((((((((RWO "no_repeats_iff" i)
CollapseTHEN (
  (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 4:n)) (first_tok
:t) inil_term))))))·)
CollapseTHEN (Unfold 'l.before' i))·)

      CollapseTHEN (InstHyp [x;x] i))·)
CollapseTHEN (
  (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 4:n)) (first_tok
:t) inil_term))))·)
CollapseTHEN (SimpHyp (-1))·))
```