

Inference at * 1
of proof for Lemma symmetrized_preorder:

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1. T : Type
2. R : T → T → ℙ
3. Refl(T;x,y.R(x,y))
4. Trans(T;x,y.R(x,y))
⊢ Refl(T;a,b.R(a,b) & R(b,a))
  by InteriorProof (((TryOnAllClauses (Unfold 'refl'))
    CollapseTHEN (HypBackchain)).)

                                CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat
4:n)) (first_tok :t) inil_term))).

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