

Inference at * 1 1 2
of proof for Lemma wellfounded_functionality_wrt_iff:

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1. T1 : Type
2. T2 : Type
3. r1 : T1 → T1 → ℙ
4. r2 : T2 → T2 → ℙ
5. T1 = T2
6. ∀ x, y : T1. r1(x, y) ⇔ r2(x, y)
⊢ ∀ x, y : T1. {r1(x, y) ⇔ r2(x, y)}
  by ((((((Unfold 'guard' 0)
    CollapseTHENM (UnivCD)))·)
    CollapseTHENM (BackThruHyp 6)))·
  )
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n), (first_nat 3:n)
  )) (first_tok :t) inil_term)))·
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